

ctaatgagac tggatttttg ttttttatgt tgtgtgtcgc agagctaaaa actcagttcc 300
c 301

<210> 249
<211> 301
<212> DNA
<213> Homo sapien

<400> 249
gtccagaggga agcacctcgt gctgaactag gcttgccctg ctgtgaactt gcacttggag 60
ccctgagcgt gctgtttctc ccgaaaaacc cgaaccacct ccgcatctc cgtcccgccc 120
ccaggggagc acagcagtgga ctcagagcgt gtccgcacct gtccctccct cctccacggc 180
catcgtaatg aattattttg aaattaat ccaccatcct ttcatgattct ggatgggaag 240
actgaatctt tgactcagaa ttgtttgctg aaagaatga tctgactttc ttactcattt 300
a 301

<210> 250
<211> 301
<212> DNA
<213> Homo sapien

<400> 250
ggtctgtgac aaggacttgc aggtgtgtgg aggcagtgga ccttaaacac tacacttttc 60
ctttctctta ttggtttgat aacataatt attcttaaca ctagektatt tccagttggc 120
cataagacac tcaactattt totctggctg gaatagttaa cttaagtatg gtactctcac 180
ctaaagactc actatgtgga ataatacata ctaatgaagt attacatgat ttaagacta 240
cattaaacc aaacatgctt ataacattaa gaataacat aaagatcat gcttgaacc 300
a 301

<210> 251
<211> 301
<212> DNA
<213> Homo sapien

<400> 251
gcctagggtcc tacatttggc ccagtttccc cctgcactct ctccagggcc cctgcctcat 60
agacacccct atagagcata ggagaactgg ttgcctctgg ggcaggggga ctgtctggat 120
ggcaggggct ctcanaaatg ccactgtcac tgcagggaat tgcctctgag cagtcacact 180
cattgggac cactgaaaagc ttcaagaaat cttcaggctc actctcttga aggcacggaa 240
cctctggag ggggycagtg aatccacgt ccaggacgga tctgtgtgaa aagatatcct 300
c 301

<210> 252
<211> 301
<212> DNA
<213> Homo sapien

<400> 252
gcaaccacac actctgtttc acgtgacttt tatcacata caattttggt catttctca 60
ttttctacat tgtagaatca agagtgtaaa taastgtata tcatgtcttt caagatata 120
tcatttcttt ttactatgga acccatctaa atataaagtc aagaatctta atctcaacaa 180
atatataag caaactggaa ggcagaataa ctaccataat ttagtataag tacccaaggt 240
tttataaatc aaagccctca atgataacca tttttagaat tcaatcatca ctgtagaatc 300
a 301

<210> 253
<211> 301
<212> DNA

<213> Homo sapien

<400> 253

ttccctaaaga	agatgtttatt	ttgttgggtt	tgttccccc	tccatctoga	ttctgttacc	60
caactaaaaa	aaaaaaataa	agaaaaaatg	tgtgtggttc	tgaaaaaata	ctccttagct	120
tgtctcgatt	gttttcagac	cttaaaatat	aaacttgttt	cacacagctt	aatccatgtg	180
gatttttttt	cttagagaaac	cacaaaaaat	aaagaggaga	agtctggactg	aatacctgtt	240
tccatagtgc	ccacagggta	ttcctcaaat	ttctccata	ggaaaaatgt	ttttcccaag	300
g						301

<210> 254

<211> 301

<212> DNA

<213> Homo sapien

<400> 254

cgctgcgctt	ttcccttggg	ggagggggca	ggccagaggg	ggtccaaagt	cagtcacagg	60
aacttgcaca	attcccttga	agcgggttgg	ttaaaacctg	taaatgggaa	caaatcccc	120
ccaaatctct	tcatcttaca	ctgggtgact	cttgactgta	gaattttttg	gttgaacaaa	180
gaaaaaaata	aaacttttga	cttticaagg	ttgtttaaca	ggtactgaaa	gaactggctc	240
acttaaaactg	agccaggaaa	agctgcagat	ttattaatg	gtgtgttagt	gtgcagtgc	300
t						301

<210> 255

<211> 302

<212> DNA

<213> Homo sapien

<400> 255

agcttttttt	tttttttttt	tttttttttt	ttcattaaaa	aatagtgtct	tttatataa	60
attactgaaa	tgtttctttt	ctgaatatca	atataaatat	gtgcaaaagt	tgcattggat	120
tgggtatttt	tgtgtttttt	caagcatctc	ctaataccct	caagggccctg	agtatggggg	180
aggaaaaagg	actggagggt	gaatctttat	aaaaaaccaag	agtgtattgag	gcagattgta	240
acattattta	aaaaacaagg	aaacaaacaa	aaataagaga	aaaaaacacac	cccaaacacac	300
aa						302

<210> 256

<211> 301

<212> DNA

<213> Homo sapien

<220>

<231> misc_feature

<222> (1)...(301)

<223> n = A, T, C or G

<400> 256

gttccagaaa	acattgaagg	tggcttccca	aagtctaact	agggataccc	cctctagcct	60
aggacccctc	tcocccaccc	tcacatcccc	aaacctccca	taatgcaccc	agctaggccc	120
accuccaaaa	gcctggacac	cttgagcaca	caghlaagac	caggacagac	tcctctctat	180
aggcaaatag	ctgctggcaa	actgggatta	cctggtttgt	ggggatgggg	gggcaagtgt	240
gtggcctctc	ggcctgggta	gcaagaacat	tcagggttagg	cctaagttan	tcgtgttagt	300
t						301

<210> 257

<211> 301

<212> DNA

<213> Homo sapien

<400> 257
 gttgtggagg aactctgggt tgcctattaa gtctactga ttttactat cccctgaatt 65
 tccccactta ttttbtctt tcactatcgc aggccttaga agaggctctac ctgcctccag 120
 tcttaacctag tccagctcac cccctggagt tagaatggcc atcctgaagt gaaaagtaat 180
 gtccactaac tcccttcagt gatttcttgt agaagtgcc atcctgaat gccaccaga 240
 tcttaattct cactcttcta atcttatctc ttgactctt ctttaccgc gagaaggctc 300
 c 301

<210> 258
 <211> 301
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(301)
 <223> n = A,T,C or G

<400> 258
 cagcagtagt agatgcctga tgcagcaag cccagcactc ccaggatcag caccagcacc 60
 aggggcccag ccccccagcg cagagcaag ataacacgta ggctcaagac cagagccacc 120
 cccagggcaa cagcaatcca atccaggac tgggcaaat ctccaaagat cttaacactg 180
 atgtctcggt cattgaggt gtcaataana cgtgtatccc ctgctgtatg gtgtgtcat 240
 tggtagtccc tgggagcgcc ggtggagtaa cgttggcca tggaaagcag cggccacac 300
 t 301

<210> 259
 <211> 301
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(301)
 <223> n = A,T,C or G

<400> 259
 tcatatagc aaacaaatgc agactangcc tcaggcagag actaaaggac atctcttggg 60
 gtgtctcgaa gtgatttgga cccctgaggc cagacaccta agtaggaatc ctagtgaggaa 120
 gcaaggccat aaggaagccc aggaatcctt gtgatcagga agtgggcccag gtaggtctgt 180
 tccagctcat atctctatgt catgcagcac ggcacggatg cgcacatgg gtcttggctt 240
 cctcccatc ttctcagcaa gtgtccttgt tgagccattt gcatccttgg ctccaggtgg 300
 c 301

<210> 260
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 260
 tttttttct ccttaaggaa aaagaaggaa caagtctcat aaacccaat aagcaatggt 60
 aagggtctct aacttgaaaa agattaggag tcactggttt acaagttata attgaatgaa 120
 agaatctgaa cagcccacgt tggccatttc atgccaatgg cagcaaacaa caggattaac 180
 tagggcaaaa taataaagtg tgtggagccc ctgataagt cttataaac agactgattc 240
 atgagacat cagtacctgc cggggggccc gctcagagcc aattctcgag atactcatca 300
 c 301

<210> 261
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 261
 aatatttcga gcaaatctctg taactaatgt gtctccataa cagggtttga actcagtgaa 60
 totgtctcca tccacgattc tagcaatgac ctctcggaca tcaaggtctc tcttaagggtt 120
 agcaccacac attccataca attcaatcago aggaataaaa ggcctcttcag asggttcaat 180
 ggtgacatcc aatttctctc gataatttag attccatcaca accttctctag ttaagtgaag 240
 ggcctgatga tcatccaaag ccacgtgggc acttactcca gactttctgc aatgaagatc 300
 a 301

<210> 262
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 262
 gaggagagcc tgttaacgca ttgttaagca cagaactctc caggagtatt tgaattgttc 60
 tgtgaggttc ttgcgcgaag tctctcagaa atttaaaaag atgcaaatcc ctgagtgccc 120
 nctagacttc ctataaccaga tctctctggg ctggaacctg gcactctgca ttgttaatga 180
 gggctttctg gtgcacaccc aattttgtgc ctcttctccc taactctctg attagtgccc 240
 catctattac cccacattat aatgggatag attcagagca gatactctcc agcaagaat 300
 c 301

<210> 263
 <211> 301
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)... (301)
 <223> n = A,T,C or G

<400> 263
 tttagcttgt ggttaaatgac tcccaaaact gatatttaaaa tcaagtgtaat gtgaattttg 60
 aaattactca cttaattacta attcaacata acctggcat taagggtttga cttagatttg 120
 ttcttagtat tatttatggt aataggcttc ttaccacttg caataaatg gccacatcat 180
 taatgactga ctccccagta aggtctctca aggggttaagt angaggatcc acaggatttg 240
 agatgctaag gccccagaga tcttttgatc caacctcttt atttccagag gggaaaatgg 300
 g 301

<210> 264
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 264
 aaagcgttta aaccactcta ctaccccttg tggaaotctc aaagggttaa tgacaaaacc 60
 aatgaatgac tctaaaaaca atatllacat ttaatggttt gtgacacata aaaaaaacag 120
 gtggatagat ctagaattgt aacattttaa gaasacata scatttgaca gatgagaag 180
 ctcaattata gatgcacagt tataactaaa ctactatagt agttaaagaa tacatttcac 240
 acccttcata taattatcat ctottggort gaggcactcc ataaaaatga tcaactgcat 300
 a 301

<210> 265

<211> 301
 <212> DNA
 <213> Homo sapien

<400> 265
 tgcacaagtt atgtgttaagt gtatccgcac ccagaggtaa aactacacty tcacttttgt 60
 ctctctgtga cgcagttattt ctctctctggg gagaagccgg gaagtctctt cctggctcta 120
 catattcttg gaagtctcta atcaactttt gtcacatttg ttctatttct tcaggaggga 180
 ttttcagttt gtcacatgt tctctaacaa caattgocca ttctgttaa gaatccaaag 240
 cagtccaagg ctttgacatg tcaacaacca gataaactag agtatccttc agagataagg 300
 c 301

<210> 266
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 266
 taacgtctgc ccttctctcc atccaggcca tctgogaatc tacatgggtc ctctatttgg 60
 acaccagatc actcttctct ctacccacag gcttgcctatg agcaagagac aacacctctt 120
 ctctctctgt ttccagcttc ttttctctgt ctcccccacc ctttaagtct attctctggg 180
 atagagadac caatacccat aacctctctc ctaagctctc ktataaccca ggggtgcacag 240
 caccagctcc tgaaacctgg taaggccaat gaactgggag ctacagctg gctgtgcttg 300
 a 301

<210> 267
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 267
 aaagagcaca ggcagactca gcttgccttg gcaatctaga ctacagcttg ctctctggg 60
 gttctcagtg ctgagttcat ccaggaaaag ctacactaga cttctctgag ctgaattctc 120
 atctctacag gcagctcttg agagcctgat attctctagc ttgatgggtc ggagtaaacg 180
 ctctattctg tctctctctt tctttctctt caagtgggtc tctctacat cctctctgct 240
 aattctcttc agcttctctg ctcttagcctt calttccaga agcttctctt ctcttgcttc 300
 t 301

<210> 268
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 268
 aatgtctcac tcaactactt ccacgctcac cgtggcctaa tcttgggagt ttctctctta 60
 gatctctggg gagcttggct tcttaaggag aaggaggaag gacagatgta ccttctggatc 120
 tgcagagaga agtctaatgg aagtaattag tcaacggtcc ttgttttagc ctcttggaata 180
 tctctgggtg ctcaagtggc ctttttggag aaagcaagta ttattcttaa ggagtaacaa 240
 ctctccattg tctctctctt taccatctac aattgtatat tatgtattct ttggagaact 300
 a 301

<210> 269
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 269
 taacaatata caatagctat ctttttaact gtccatcatt agcaccaatg agattcaat 60

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aaaattacct ttattccac atctcaaac aattctgcaa attcttagtg aagtttaact 120
atagttcacag accttaaaata ttccacattgt tttctatgtc tactgaaaat aagtttcacta 180
cttttttggga tttttttttac aaaaattcttat taaaatttctt ggtattatca cccccaatta 240
taccagtacga caaacacactt atgtagtttt tacatgatag ctctgtagaa gtllccacata 300
t 301

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<210> 270
<211> 301
<212> DNA
<213> Homo sapien

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<400> 270
cattgaagag cttttgcgaa acatcagaac acasgtgctt atsaatttaa ttaagcotta 60
cacagaata catattcctt ttatttctaa ggagttaaac atagatgtag ctgagtgtgga 120
gagcttgctg gtgcagtgca ttttggataa caotattcat ggcogaattg atcaagtcaa 180
ccaaactcctt gaactggatc atcagaagaa ggytgggtgca cgtatatactg cactagataa 240
tgagccaacc aactaaattc tctaccagg ctgtatcagt aaectggctt aacagaasac 300
a 301

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<210> 271
<211> 301
<212> DNA
<213> Homo sapien

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<220>
<221> misc feature
<222> (1)...(301)
<223> n = A,T,C or G

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<400> 271
aaaaggttct cataagatta acaatttaaa taastatttg stagaacatt cttttctcatt 60
tttatagctc atctttaggg ttgatattca gttaatgctt cctctgctgt ttttgcctca 120
gaattgcaat cactttatca gctgttatcc gctccaatc tctataaagt ggytccaaagg 180
tgaaccacag agccacagca caactctttc ctttgggtgac tgccttcacc caatgaggtt 240
tctctctctc agatganaac tgaatcatgag cccacatttt ggyttttata gaagcagctc 300
c 301

```

```

<210> 272
<211> 301
<212> DNA
<213> Homo sapien

```

```

<400> 272
taaatgtcta agccacagat aacaccaatc aatgggaaca aatcactgtc ttcaaatgtc 60
ttatcagaaa accaatatgag cctgggaatc tctaataacc taaacatgoc gttatttagga 120
tccaatattt cctctatgat gagaaagaaa aattctttgc gcacccctcc tgcattccaca 180
gcattctctc caacaaatat aaccttgagt ggtttattgt aattctatgt ctttgttttc 240
ctaaggactt ccttgcctc tctacaaata ttttctctac gacccactag aattaagcag 300
g 301

```

```

<210> 273
<211> 301
<212> DNA
<213> Homo sapien

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```

<220>
<221> misc feature
<222> (1)...(301)

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<223> n = A, T, C or G

<480> 273

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ccatgtgtgt atgtgttatct ttgggaaaaa aanaagacat ctgttttlayt atttttttgg      60
agagangctg ggacatggat aatcacwtaa ttgtctayts tyactttaat ctgactyga      120
gaacgtctta aaactaaat ttaccatgtc dtatatctct tatagtatgc ttatttcacc      180
tttttttgt ccagagagag tatcagtgac ananatttma gggtagaac atgaaatttgt      240
gggaactcty tttaacnagm accctgcccg sgggccctcg makongantt ccgcaananc      300
t

```

<210> 274

<211> 301

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...{301}

<223> n = A, T, C or G

<480> 274

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cttatatact cttttctaga ggcaaaagag gagatgggta atgtagacaa tttcttggag      60
aacagtaaat gattatttga gagaangaat ggaccaagga gacagaaatt aacttgytaa      120
tgattctctt tggaaattga atgagatcaa gaggccagct ttagtcttgg gaaagttcc      180
tctaggtatg gttgcattct cgtttctttt tctgcagtag ataatgaggt aaccgaaggc      240
aatgtgctt cttttgataa gaagctttct tggctatata agaaattac aganaaaatc      300
c

```

<210> 275

<211> 301

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...{301}

<223> n = A, T, C or G

<480> 275

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tcgggtgtoag cagcacgttg cattgaacat tgcattgttg agcccaaaac acagaaaatg      60
gggtgaattt ggccaacttt ctattaaatt atgttggcaa ttttgccacc aacagtaagc      120
tggcccttct aataaaagaa aattgaaggg ttctcacta aacggaaatta agtagtggag      180
tcaagagact ccaggtcttc agcgtacctg ccggggggcg cgtctgaagc cgaattctgc      240
agatactcat cacactggcg gncgtctgan catgcakcta gaaggnccaa ttgcccctat      300
a

```

<210> 276

<211> 301

<212> DNA

<213> Homo sapien

<480> 276

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tgtacacata ctcaataaat aaatgactgc attgtgttat tattactata ctgatttatat      60
ttatcatgtg acttctaat agaaatatga tccaaaagca aaacagcaga tatcaaaaat      120
taaaagagccn gaagatagac attaacagat aaggccaact atacattgag aatcaaaate      180
caatacattt aaacatttgg gaattgaggg ggaacaaatg aagccagatc aatttttgt      240
aaaactatle agtatgttct cttgtttcca tgtctgagaa ggctctctct caatggggat      300
g

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<210> 277
<211> 301
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 277
tttgttgatg ttagttatgtt attacttgag ttatgagtg ctaactggga aattctaaag      60
atcacagaga ctggagagga gacgagcaac tgaatttaatt ttaaaagaag gaaaacattg      120
gaatcatggc actcttgata otttccaaa tcaacactct caatgcacca cctctgtctt      180
caccatagtg gggagactaa agtgcccaag gatttgctt angtggtcag tgcgttctga      240
gttctctgtc gattacatct gaccagtctt ctttttcoga agtctctcag ttcaattctg      300
c                                                    361

<210> 278
<211> 301
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 278
taaccataca ctccagcctg ggcacacagag caagacctgt ctcaaagcat aaastggaat      60
aacatatcaa atgcaacagg gaaaatgaa ctagacattt atggaagcca ggggttgttc      120
cagttctctc tgttttatag cactaacctgg gaatttatat aagoccttaa taataatguc      180
aatgaacatc tcatgtgtgc tcccaatgtt ctggcactat tataagtctt tccaggtttt      240
tatgtgttct tctgaatttt atggantagg tactcggcgc cgaacacgct aagcagaatt      300
c                                                    361

<210> 279
<211> 301
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 279
aaagcaggaa tgcacaagct tgcctttctg gtatgtttct ggtgtattgt gacttttact      60
gttatatcaa ttgcacatat agtataatat agattatata tgtatagtgt ttccacaagc      120
ttagaccttt accttcacag caccocccag tgccttgaat ttcagagtaa gtcattgggt      180
atacatgtgt agttccaaag cacataagct ggaanaaaaa atatttctag ggagcactac      240
catctgtttt cactgaaat gccacacaca tagaactcca acatcaattt cattgacag      300
a                                                    361

<210> 280
<211> 301
<212> DNA

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<213> Homo sapien

<400> 280

ggtactggag	ttttctccc	ctgtgaaaac	gtaactactg	ttgggagtga	attgaggatg	60
tagaagagtg	gtgggaaccaa	attgtgggtca	atggaaatag	gagaatatgg	ttctcactct	120
tgagaacaaa	acctaagatt	agcccaagsta	gttgccgtga	acttcagttt	ttctgctctg	180
gtttgatata	gtttagggtt	ggggttagat	taagatctaa	attacatcag	gacaaagaga	240
cagactakta	actccacagt	taattaagga	ggtatgttcc	atgtttattt	gttaaaagcag	300
t						301

<210> 281

<211> 301

<212> DNA

<213> Homo sapien

<400> 281

aggtaacaaga	aggggaatgg	gaaagagctg	ctgctgtggc	attgttcaac	ttggatatcc	60
gcgcagcaaat	ccaaactctg	aatgaagggg	catctcttga	aaaaggagat	ctgaactctca	120
atgtggttagc	aatggcttlla	tccgggttata	cggatgagaa	gaactccctt	ttggagagaa	180
tggttagcgc	actgcgattta	cagctaaata	acccttattt	gtgtgtcatg	tttgcatttc	240
tgacaagtga	aacaggatct	tacgatggag	ttttgtatga	aaacaaagtt	cgactacctc	300
g						301

<210> 282

<211> 301

<212> DNA

<213> Homo sapien

<400> 282

caggtactaac	agaattaaaa	tactgacaag	caagtagttt	cttggcgtgc	acgaattgca	60
tcacgaaccc	aaaatttaag	aaattcaaaa	agacattttg	tgggcacctg	ctagcacaga	120
agcgcagaag	caaaagccag	gcagaacccat	gctaaccctta	caagctcagcc	tgccacagaag	180
cgcagaagca	agcccccagg	agacccatgc	taacotttaca	gctcagcctg	cacagaagcg	240
cagaagcaaa	gccccaggcag	aacatgctaa	ctttacagct	cagcctgcac	agaaagccacg	300
a						301

<210> 283

<211> 301

<212> DNA

<213> Homo sapien

<400> 283

atctgtatac	ggcagacaaa	ctttatatag	tgtagagagg	tgagcgaaag	gatgcacaaag	60
cccttttagg	gcttttatat	aatatgctgc	ttgaaaaaaa	aaatgtgtag	ttgatactca	120
gtgcattctc	agacatagta	aggggtttgt	ctgaccacat	aggtgatcat	tttttctatc	180
actctccagg	ttttatgcga	aaattttgtt	aaattctata	atggtgatat	gcatctttta	240
ggaacatat	acatttttaa	aaatctattt	tatgtangaa	ctgacagacg	aatttgtctt	300
g						301

<210> 284

<211> 301

<212> DNA

<213> Homo sapien

<400> 284

caggtacaaa	acgtctattaa	gtggcttaga	atttgaacat	tttgtgtctt	tatttacttt	60
gcttgtgtgt	tgggcaaaag	aacatcttcc	ctaaatatat	attaccaaga	aaagcaagaa	120
gcaggttagg	tttttgacaa	aacaaacagg	ccaaaagggg	gctgacctgg	agcagagcat	180

ggtagagagc aaggoatgag agggcaagtt tgttgtggac agatctgtgc ctactttatt	240
actggagtaa aagaaacaaa agttcatiga tctcgaaaga tatatacagt gtagaaatt	300
a	361

<210> 245

<211> 301

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A, T, C or G

<400> 285

acatccaccat gatcgatcac cccaccacatt atacgtttgta tgtttacata aabactcttc	60
aatgatcatt agtgttttaa aaaaaatact gaaaactcct tctgctccc aatctctaac	120
caggaaagca aatgtctatt acagacctgc aagccctccc tcaaacaaaa ctatttttgg	180
attaaatagt tctgctctct tttagagtc cccgactagg caaatgotat ttaacgatctg	240
caaaagctgt ttgaagagtc aaagccncca tgtgacnagc atttctggac cctgtaacag	300
t	361

<210> 286

<211> 301

<212> DNA

<213> Homo sapien

<400> 286

taccactgaa ttccagcctg ggtgacagag tgagactcgc tctccaaaa aaactttgct	60
tgtatattat ttctgcttta cagtggatac ttctagtagg aaaggaragt aagatttttt	120
atcaaatagt gtcatgcccag taagagatgt tatattctti tctatctctc tcccaccccc	180
aaaataagct accatataag ttataagtat caaatttttg cttttactca aaatgtgatt	240
gtttctgttc attgtgtatg cttcatcacc tatattaggg aaattccatt ttttcccttg	300
t	361

<210> 287

<211> 301

<212> DNA

<213> Homo sapien

<400> 287

tacagatctg ggaactaaat attaaaaatg agtgtggcctg gatatatgga gaattgttgg	60
cccagaagga acgtagagat cagatatatt aacagctttg ttttgagggt tagaaatattg	120
aaatgatttg gttaataagc caacgttttag gcgcaaggga cagaaactcg accctctgac	180
ccgtggttat ctccctccca gcttggctgc ctcatgttat cacaglatto caattttgtt	240
gttgcattgc ttgtgaagcc atcaagattt tctcgtctgt ttctctcda ttgtaattgc	300
t	361

<210> 288

<211> 301

<212> DNA

<213> Homo sapien

<400> 288

gtcacactca ctgcaaggac agctgaggaa tgtaatgggc agccgctttt aagaagtag	60
agtcataagg aagcaaatc ccagttccag ctccagtctg gtatctgcaa agctgcnaaa	120
gatcttttaa gacattttca agagaatatt tccctaaagt tggcaatttg gagatctac	180
aaaagcatct gcttttgtga tttaatttag ctcatctgac cactggaaga atccaaacag	240

tctgccttaa ttttggatga atgcatgatg gaaattcaat aatttagaaa gttaaaaaaa 300
a 301

<210> 289
<211> 301
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 289
ggtacactgt ttccatgtta tgtttctaca catgtctacc taagtgtccc tggnaactta 60
gtttttgatg tctccaagta gtccaccttc atttaactct ttgaaactgt atcatctttg 120
ccaagttaga gtggtggcct atttcagctg cttttgcaaa atgactggct cctgacttaa 180
cttctctata atgaactgtgc tgaaggaaag tgcacatggt ggcggcgaan aagagaaga 240
tgtgttttgt tttggactct ctgtgttccc ttccastgtg gtgggtttcc aaccagngga 300
a 301

<210> 290
<211> 301
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 290
aacctgagct cttcttgata aatatacaga atgtttggca tatacaagat tctatactac 60
tgactgatct gtccattttct ctccagcttc ttaccccaaa aagcttttcc accctaagtg 120
ttctgacctc cttttctaat cacagtaggg atagaggcag anccacctac aatgaacatg 180
gagttctatc aagaggcaga aacagcacag aatccagtt ttaccattcg ctgacagtgc 240
tgctttgaac aaaaaacttt ctccatgtct cattttcttc atgctctcag taacagtgag 300
a 301

<210> 291
<211> 301
<212> DNA
<213> Homo sapien

<400> 291
cagtgaccaa ttctctatat cctagaacaa tticatttta tgttgttgaa acataaacac 60
tatctcagct agattttttt tctatgtctt acctgctatg gaaaatttga cacattctgc 120
tttactcttt tgtttatagg tgaatcacaa aatgtatttt tatgtattct gtagttcaat 180
agccatggct gtttaactca tttaatttat ttagcataaa gaacttatga aaaggcctaa 240
acatgagctt caattcccca ctaactaatt agcatctggt atttcttaac cgtaatgcct 300
a 301

<210> 292
<211> 301
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)... (301)
 <223> n = A,T,C or G

<400> 292
 accctttttagt agtattgtct atataataat agagaatcaa tttttatagg tccatatagc 60
 tgtattatat aatttttaag tttaaaagat aaatatccat cattttaaat gttggtattc 120
 aaaaaccaag natatcacog aaaggaaaaa cagatggac ataaaaatgat ttgcacagatg 180
 ggaaatatag taatttatga atgttaatta aattccagtt ataatagtgg ctacacacte 240
 tcaactacaa cacagacccc acagtccctat atgcccacaa cacatttoca taacttgaaa 300
 a 361

<210> 293
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 293
 ggtaccagaat gctgggtcca gctgtttacc tgtttctact gaaaagtctg gctaatgctc 60
 ttgtgtagtc actttctgatt ctgacaatca atcaataaat ggcctagagc actgactggt 120
 aacccaagcg tcaactgcaa agtagcaaca gcttttaagtc taatatcaas gctgtttctg 180
 gtggaatttt tttaaaagcg tactttgata ataacccttg tcaattttaa tgtacctcgg 240
 ccggacacac gctaaagcga atcttgacga tatccatcac actggcgggc cctcgagcat 300
 g 361

<210> 294
 <211> 301
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)... (301)
 <223> n = A,T,C or G

<400> 294
 tgaaccataa caatatcac tagctatctt tttaactgtc catcattagc accaatgaag 60
 attcaataaa attaccttta ttacacacac tcaaaaacaa tctgcgaatt cttagtgaag 120
 ttcaactata gtccacaganc ttcaatatcc acattgtttt ctalgtctac tgaanaataag 180
 ttcaactact ttctgggata ttctttacaa aatcttatta aaatctctgg tattatcac 240
 cccaattafa cagtgcacaa accaccttat gtatgtttta catgatagat ctgttagaggt 300
 t 361

<210> 295
 <211> 305
 <212> DNA
 <213> Homo sapien

<400> 295
 gtaactcttc totcccctcc ttgaaattta attctttcaa cttgcgaatt gcaaggakta 60
 cacatttacc tgtgaigtat atgtgttggc aaaaaaaac gtgtctttgt ttaaaattac 120
 ttggttttgy aatocactct gcttttccca cattggaact agtcattcac caatctctga 180
 actggttagaa aaactctctga agagctagtc tctcagcacc tgacagggtg attggatggt 240
 tctcgsaacc atttacccca gacagcctgt ttctatctgt tttaataaat tagtttgggt 300
 tctct 365

<210> 296
 <211> 301

<212> DNA

<213> Homo sapien

<408> 296

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aggactatg ggaagctgct aaaaataat ttgatagtaa agtatgttaa tgtgctctct 60
ccactagtag taaactaaaa ataaactgaa actttatgga atctgaagtt attttctctg 120
attaactaga attaatcaac caatatgagg aaacatgaaa ccattgcaatc tactatcaac 180
tttgaaaaag tgattgaagc aaccacttag ctttcagatg atgaacaatg ataatgatt 240
tgcttactat ataatattta aaatctgtta ataatgtgga ctataggagg gaaaaggagg 300
c

```

<210> 297

<211> 300

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A, T, C or G

<408> 297

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actgagtttt aactggagcg caagcagggc aggcagggaag gttttgctct ctttgtgcta 60
aagggtttga aaacuttgaa ggagaaatcat ttgacaaaga agtacttaag agttctgaga 120
acaagagagt gaacacagctg aaagctctctg ggggaanctt acatgtgttg ttggcctctg 180
tccatcattg ggagtgcaact ggcacatcctt caaaatttgt ctgggctggc ctgagtggtg 240
accgcaccto ggcgcgaccc acgctaaagc gaattctgca gatatacatc aactcgaggg 300

```

<210> 298

<211> 301

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A, T, C or G

<408> 298

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tatgggggttt gtcaacccaaa agctgatgct gagaaaggcc tccctggggc cctcccgagg 60
ggatctctgg agacctgggtg ttccagtgct tctggaaatg ggtcccaagt ccgcgggtg 120
tgaaagctctc agatcaaatca cgggaaggcg ctggcggttg tggcacaatg gaacacacct 180
gtctgtcttg ttacacattc actayoaggt ttctctctgg cattacnatt tgttccctca 240
gaacagtgac ctgtgcatto tgctgtggcc tgctgtgtct gcaggtgget ctccagcagg 300
t

```

<210> 299

<211> 301

<212> DNA

<213> Homo sapien

<408> 299

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gttttgagac ggaagtttca cttgtttgcc cagactggac tgcaatggca gggctctctg 60
tcaactgacc ctctgctccc caggttgagc caattctcct gctcagcct ccaagctagc 120
tggaattgca ggcctcaagcc acatcaaccca gctaattttt ttgtattttt agtagagagc 180
cagtttgcgc atgttgccca gctggtctca aactcctgac ctcaagcgac ctgctctgct 240
cggcctccca aagtgtctga atttatggca tgagtcacaa cgcacagcct aaagctattt 300
t

```

<210> 300
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 300
 attcagtttt atttgcgtgc ccagtatctg taadccaggag tgcacacaaa tcttgcagaa 60
 tatgtcccaa acccactggg aagggtctcc acctggctac ttccctctac agctgggtca 120
 gctgtcttcc acaagttctt cagcctaagt agtttcacta cctgcacatc tcaaaacctt 180
 gtaaaagcag acctgacat tccccacagg aaatcagagt ttgccccacc gtcttgttac 240
 tataaagcct gectctaaca gtcttctggt ctccacacc atcccgagcg catcccccat 300
 g 301

<210> 303
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 301
 ttaatttttt gagaggataa aaggacaaa taatctagaa atgtgtcttc ttcagttctg 60
 agagaccacc aggtctccaa gcaacacat ggtcaagggc atgaataatt aaaagtgtgt 120
 ggaacctcac aaagaccctc agagctgaga caccacacac agtgggagct cacaagagcc 180
 ctccagagct agacacccac aacagtggga gctcacaaag accctcagag ctgagacacc 240
 cccacacgca cctcgttcag ctgcacacat tgtgaataag gatgcaatgt ccagaagtgt 300
 t 301

<210> 302
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 302
 aggtacacet ttagcttctg gtaaatgact caccassactg attttaaat caagtttaag 60
 tgaattttga aattacttac ttaactctaa ttccacatca caatggcatt aaggtttgac 120
 ttgagtttgt tottagtatt atttatggtt aataggctct taccacttgc aaataactgg 180
 ccaatcatt aatgactgac ttccagatga ggcctctcaa ggggtaagta gtaggtacca 240
 caggatttga gatgctaagg cccacagat agtttgatcc aacctctcta ttttcagagg 300
 g 301

<210> 303
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 303
 aggtaccacc tgtggaata ggtagaggat catctttctt ttccatctca actaagttgt 60
 atatgttttt ttgacagttt aacacatctt ctctgtctag agattcttct acaatagcac 120
 tggctaatgt aactaccgtt tgcattgtta aatgggtggt ttgtgaatg atcatagccc 180
 agtaacgggt atgtttttct aactgatctt ttgtctgttc caaaggagcc tcaagacttc 240
 catcgatttt atactctggg tctagaaag gagttaatct gttttccctc ataatttcac 300
 c 301

<210> 304
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 304
 acatggatgt tatcttcag actgtcaacc tgaatttgt tttgcttgac attgectaat 60
 talttagttt agtttsagct tacccacttt ttgtctgcac catgcaraaa agacagtgc 120
 ctitttagtg tatcatatca ggaatcatct cacatgtgtt tgtgceatta ctgggtcagt 180
 gactttcagc caatttggta aggtggagtt ggcatatgt ctccactgca aattactga 240
 ttctcttitt gtaattaata agtgtgtgtg tgaagattct ttgagatgag gtatatatct 300
 c 301

<210> 305
 <211> 301
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> {1}...{301}
 <223> n = A,T,C or G

<400> 305
 gangtacagc gtggtcaagg taacaagaag aaaaaaatgt gagtggcatc ctgggatgag 60
 caggggggaca gaactggaca gacacgttgt catttgcgc tgtgggtagg aaaatgggg 120
 taagcagaga gaacacagata caaatctccc aactcagtat taaggatatt tctlgcctag 180
 aatatttgta gaanaacaga tacattcata tggcaataaa ctacacttgg tggacaataa 240
 ttctgggatt taagttagat accaangaaa ttgtattaaa agagctgttc atggataaag 300
 a 301

<210> 306
 <211> 8
 <212> PRS
 <213> Homo sapien

<400> 306
 Val Leu Gly Trp Val Ala Glu Leu
 1 5

<210> 307
 <211> 637
 <212> DNA
 <213> Homo sapien

<400> 307
 acagggatgt aagggaagg gagaggatga ggaagccccc ctggggattt ggtttggtcc 60
 ttgtgatcag gtggtctatg ggccttatcc ctacaaagaa gaatccagaa atagggggc 120
 attgaggaat gatactttgag cccaaagagc attcaatcat tgtttttttt gcttmtttt 180
 caacccatlg gtgagggagg gattacaccc ctgggggttat gaagatggtt gaacacccca 240
 cacatagcac cggagatatt agatccacag ttctttagcc atagagattc acagccccaga 300
 gcaggaggac gcttgacacc catgcaggat gacatggggg atgcgctcgg gatgtgtgtg 360
 aagaagcaag gactgttaga ggcaggcctt atagtaacaa gacggtgggg caaactctga 420
 ttctcgtggg ggaatgtcat ggtcttgctt tactaaattt tgagactggc aggtagttaa 480
 actcattagg ctgagacact tgtggatgc acttgaccca actgatagag gaagtatgca 540
 ggtgggagcc ttccaccagt ggtgtgggac atatctggca agattttgtg gcaactcctg 600
 ttacagatac tggggcagca aataaaactg aatottg 637

<210> 308
 <211> 647
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> {1}...{647}
 <223> n = A,T,C or G

<400> 309
 acgattttca ttatcatgta aatggggtca ctcaaggggc caacacacago tgggagccac 60
 tgcctcgggg aaggttcata tgggacttcc tactgcccac ggttcctatc aggtatataa 120
 ggngcctcac agtatagatc tggtagcaaa gaagaagaaa caaacactga tctcttctcg 180
 ccacccctct gaccctttgg aactcctctg accctttaga acaagcctac ctaatatctg 240
 ctagagaaaa gaccacaaac ggcctcaaaag gatctcttac catgaaggtc tcagctastt 300
 cttggctaaag atgtgggttc cacattaggt tctgaastct ggggggaagg tcaatttgct 360
 cattttgtgt gtggataaag tcaggatgoc caggggccag agcagggggc tgccttgctt 420
 gggacaatg gctgagceta taacccatag ttatggggaa caaaccaaca tcaagtgacc 480
 tgtatcaatt gccatgaaga cttgagggac ctgaactctac cgtattatct taaggcagca 540
 ggacccattt gsgtggcaac aatgcagcag cagaactcaat ggaacacaca gaatgattgc 600
 aatgtccttt ttttctctct gcttctgact tgataaaagg ggaacctg 647

<210> 309
 <211> 460
 <212> DNA
 <213> Homo sapien

<400> 309
 accttatagt ttaggcttga cattggaaaa aaaaaaaagc cagaacaaca tctgatagat 60
 aatatgattg gctgcacact tccagactga tgaattgatga agtgatgga ctattgtatg 120
 gagccatctc tcagcaagag ggggaataac tcaatcattt tggccagcag ttgtttgatc 180
 accaaacatc atgcacagat actcagcaaa ccttctttag ccttgagaag tcaaatcccg 240
 ggggaattta ttcttgccaa ttttaatttg actccttatg tgaagagcag ggcctaccgc 300
 ctggggtggtt ggaagcaaac cgtcactagt ggcacatgag tggcagagct cctggtaac 360
 acctagagga atcacacagg aatgtgttga tgcacaagcgt gacacctgta gacctcaat 420
 ttgtcttttt ttgtctttt ggtgtgttaa attcttaagt 460

<210> 310
 <211> 539
 <212> DNA
 <213> Homo sapien

<400> 310
 acgggactta tcaaatcaag ataggaaaaa aagaaaaact aatatattat ggcagaaatg 60
 ctaaaagttt taaaatatgt caggatttga agagggcatg gataaagaac aaagtccagt 120
 taggaagagag aacacagaga ggaagagaca caataaaagt cattatgtat tctgtgaa 180
 gtcagacagt aagatttctg ggaatatggg ttgttttggt tatgttatgt attttagcaa 240
 taatctttat ggcagagaaa gctaaatctc tttagcttgc gtaaatgatc acttgctgaa 300
 ttctcaaggg taggcctgat gaaggsgggt ttgagggaga cacagacaca atgaactgac 360
 ctatagatgaa agccttagta tactcagcta ggaactgtga ttctgggggc aactgtgac 420
 atgattatgt cattaacatg atggtagtga tggggatgat aggaaggaag aacttatggc 460
 atattttcac cccacaaaaa gtacagttaaa tatggggaca ctaaccatcc aggtcaaga 539

<210> 311
 <211> 526
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> {1}...{526}
 <223> n = A,T,C or G

100

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<490> 311
caaatcttgag ccaatgacat agaattttac aaatcaagaa gottattotg gggccatttc 60
ttttgaagtl ttctctaaac taactaagag gcattaatga tcaataaatt atattatcta 120
catttcaacg atttaaaatg tgttcaacat gaatatattag ctacagggga agctaaataa 180
attaaacatg gaataaagat ttgtccttaa atataatcta caagaagact ttgatattg 240
ttttccacaa gtgaagacat ctataaagt gtctaaacct ttttggggaa actatgggaa 300
aaastgggga aactctgaag ggttttaagt atcttaacct aagctacaga ctcoataacc 360
tctcttaca gggagctact gcagccocta cagaaatgag tggctgagat tcttgattgc 420
acagcaagag ctctcactct aaacctttc cctttttagt atctgtgat caagtataaa 480
agttctataa actgtagtnt acttatttta atccccaag cccagt 526

```

```

<210> 312
<211> 500
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(500)
<223> n = A,T,C or G

```

```

<490> 312
ccctctctct cccacccctt gactctagag aactgggttt tctcccagta ctccagcaat 60
tcatttctga aagcagtlga gccactttat lccgaagtag acfgcagatg ttcaaacidt 120
ccatttctct ttcccttcca cctgcacggt ttgttgactc tcaacttgct atgagtgtaa 180
gcattaaaga cattatgctt ctctgattct gaagacaggg cctgctcact gatgactctg 240
gcttcttagg aaatatattt tcttccaaaa tcegtaggaa atctaaactt atccoctctt 300
tgcagatgtc tagcagcttc agacattttg ttaagaacct atgggaaaaa aaaaatcct 360
tgcatacttg gtttctcttg taataccaga ttcttatttg actgggtatg abtatcagct 420
ctgaactgtg ggttaagakt ttttgttttg aatattaggag aactcagttt gctgaagagt 480
tagtcttaat tatctattgg 500

```

```

<210> 313
<211> 718
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(718)
<223> n = A,T,C or G

```

```

<490> 313
ggagatttgt gtggttttga gccaggggag accaggaaga tctgcatggt ggggaaggac 60
tgatgataca ggggtgagaa atagaaaagg ctgctgactt taacctctga ggcacacat 120
ctgtgtaaat gggataaatt aactcaacta gaacagcaaa gatgacataa taatgtctaa 180
gtagtgacat gtttttgacc atttccagcc ctttlaata tccacacaca cagggaagac 240
aaaaggaagc acagagatcc ctggggagaa tgcctggcgg ccactttggg ccatctgtga 300
gcctcggcct gtgctgtgta ccgcttgtga ggggaaggaa ttagaatagt aatttgatgt 360
ttccttaasg gatggcagga aaacagatcc ttttgttgat atttatttga acgggattac 420
agatttgaaa tgaagtacaa aagtgagcat taaccaatgag aggaasacag acggaasat 480
cttgatgggt ccaagaactt gcaacaaaca aaatggaaata ctgtgatgac acgagcagct 540
aactggggag gagataccac ggggcaaggg tcaggattct ggcctgtctg cctaactgtg 600
cggtataaca atcatttcta ttctaccctt caaacasagt gtngaatact tgccttaagg 660
ttctttgggc ccaatttttc atnataccac cententttt aannntanto caaanagt 718

```

```

<210> 314

```

<211> 358

<212> DNA

<213> Homo sapien

<400> 314

gtttattttac attacagaaa aaacatcaag acaatgtata ctatttcasa tatstccata	60
cataatcaaa tatagctgta gtacntgttt toattgggtg agattaccac aaatgcaagg	120
caaacatgtgt agatctcttg tobtattott ttgtctataa tactgtattg tgtagtccaa	180
gtctctggta gtccagccac tgtgaaacat gtcccttta gattaacctc gtggagctc	240
ttgttgtatt gctgaactgt agtgcctgt attkktgttc tgtctgtgaa ttctgttgct	300
tctggggcat ttctttgtga tgcagaggac caccacacag atgacagcaa tctgaatt	358

<210> 315

<211> 341

<212> DNA

<213> Homo sapien

<400> 315

taccacctcc cagctggcac tgatgagcgc catcaccatg gtcaccagca ccatgaagga	60
atagtgtagc atgaggscat ggaatgggcc ccaaggatg gtctgtccaa agaagcgagt	120
gaaccccatc ctgaagatgt ctggaacctc taacagcagc atgatgatag cccaatgac	180
agtcaccagc tcccccacca gtcggatata gtctctaggc gtcatgttag ctctctgaag	240
tagctctcgc tylaagaggc tgttgtccgc gggcctctgc cgtttattgg tctctggctt	300
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<210> 316

<211> 151

<212> DNA

<213> Homo sapien

<400> 316

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<210> 317

<211> 151

<212> DNA

<213> Homo sapien

<400> 317

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atcttcattt atctctggcc ttaacctggt ctctgagcgc tggggcagc agatccacgg	120
ccagggtctct gttcttgcaa caactgcttg a	151

<210> 318

<211> 151

<212> DNA

<213> Homo sapien

<400> 318

actgttgaga ggcctgtgtt agttggctgt ttccagaggg gtctttcgga gggacctcct	60
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<210> 319

<211> 151

<212> DNA

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<213> Homo sapien

<400> 319
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taagatggg tttatgtgat tttagtggg a      151

<210> 320
<211> 150
<212> DNA
<213> Homo sapien

<400> 320
aactagtggg tccactagtc cagtgtygtg gaattccatt gttgtggggt tctagatcgc      60
gaggggctgc cctttttttt tttttttttg ggggggaatt tttttttttt aatagttatt      120
gagtgttcta cagctttaga taaataccat      150

<210> 321
<211> 151
<212> DNA
<213> Homo sapien

<400> 321
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taggtgggca ttgtaacacg ctatgggcta gggtttaacg aaaggctgag taacatggg      120
tgctctgag aatcaaatg ctctatcac t      151

<210> 322
<211> 151
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 322
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tttgggcttg gtcagtctgc cacagggctt gggatgggtg acagtcttct ggccttgggc      120
attgtgcagg gctgccttca naattccagt t      151

<210> 323
<211> 151
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 323
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nagactcaat tactaccacg ttgtggttt twtgggagaa atgtaactgg acagttagct      120
gttcaatyas aaagacactt ancccatgtg g      151

<210> 324

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103

<211> 461
 <212> DNA
 <213> Homo sapien

<229>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

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 ggcgaacctca ctctagact ttcaaggttg gcgcaaacgg gtccagaaac tgcacggggg 240
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 caccacaagt caatagtttg tcaactgcat tttaacctga ccaagagtaa ccccggtgtt 360
 gccaccatgc cccatggcat gccagagttc aacactgttg ctcttgaata ttgggtctga 420
 aaaaaagcac aagagcccat gccctgacct agctganga c 461

<210> 325
 <211> 400
 <212> DNA
 <213> Homo sapien

<400> 325
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 <211> 1215
 <212> DNA
 <213> Homo sapien

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 aaaaaaaaaa aaaaa 1215

<210> 327
 <211> 220
 <212> PRT
 <213> Homo sapien

<400> 327
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 Glu Asn Glu Leu Phe Cys Ser Gly Val Leu Val His Pro Gln Trp Val
 20 25 30
 Leu Ser Ala Ala His Cys Phe Gln Asn Ser Tyr Thr Ile Gly Leu Gly
 35 40 45
 Leu His Ser Leu Glu Ala Asp Gln Glu Pro Gly Ser Gln Met Val Glu
 50 55 60
 Ala Ser Leu Ser Val Arg His Pro Glu Tyr Asn Arg Pro Leu Leu Ala
 65 70 75 80
 Asn Asp Leu Met Leu Ile Lys Leu Asp Glu Ser Val Ser Glu Ser Asp
 85 90 95
 Thr Ile Arg Ser Ile Ser Ile Ala Ser Gln Cys Pro Thr Ala Gly Asn
 100 105 110
 Ser Cys Leu Val Ser Gly Trp Gly Leu Leu Ala Asn Gly Arg Met Pro
 115 120 125
 Thr Val Leu Gln Cys Val Asn Val Ser Val Val Ser Glu Glu Val Cys
 130 135 140
 Ser Lys Leu Tyr Asp Pro Leu Tyr His Pro Ser Met Phe Cys Ala Gly
 145 150 155 160
 Gly Gly Gln Asp Gln Lys Asp Ser Cys Asn Gly Asp Ser Gly Gly Pro
 165 170 175
 Leu Ile Cys Asn Gly Tyr Leu Gln Gly Leu Val Ser Phe Gly Lys Ala
 180 185 190
 Pro Cys Gly Gln Val Gly Val Pro Gly Val Tyr Thr Asn Leu Cys Lys
 195 200 205
 Phe Thr Glu Trp Ile Glu Lys Thr Val Gln Ala Ser
 210 215 220

<210> 328
 <211> 234
 <212> DNA
 <213> Homo sapien

<400> 328
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 atccgcagtg ggtgctgtca gccacacact gtttcagaaa ctctacacc atcgggctgg 180
 gctgcacag tcttgagcgc gaccaagcgc cagggagcca gatgtgagc gcc 234

<210> 329
 <211> 77
 <212> PRT
 <213> Homo sapien

<400> 329
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Phe Cys Ser	Gly Val Leu Val His Pro Gln Trp Val Leu Ser Ala Thr				
	35		40		45
His Cys Phe	Gln Asn Ser Tyr Thr Ile Gly Leu Gly Leu His Ser Leu				
	50		55		60
Glu Ala Asp	Gln Glu Pro Gly Ser Gln Met Val Glu Ala				
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<210> 330
 <211> 70
 <212> DNA
 <213> Homo sapien

<400> 330
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 gctgcagcca 70

<210> 331
 <211> 22
 <212> PRT
 <213> Homo sapien

	400> 331
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Val Ser Gly Ser Cys Ser	
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<210> 332
 <211> 2507
 <212> DNA
 <213> Homo sapien

<400> 332
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<210> 333

<211> 3030

<212> DNA

<213> Homo sapien

<400> 333

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<210> 334

<211> 2417

<212> DNA

<213> Homo sapien

<400> 334

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<210> 335
<211> 2984
<212> DNA
<213> Homo sapien

<400> 335						
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<210> 336

<211> 147

<212> PRT

<213> Homo sapien

<400> 336

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Leu	Asp	Ser	Glu	Asn	Thr	Ser	Gly	Ala	Leu	Pro	Arg	Leu	Pro	Gln	Thr
			20					25					30		
Pro	Lys	Gln	Pro	Gln	Lys	Arg	Ser	Arg	Ala	Ala	Phe	Ser	His	Thr	Gln
			35					40					45		
Val	Ile	Glu	Leu	Glu	Arg	Lys	Phe	Ser	His	Gln	Lys	Tyr	Leu	Ser	Ala
	50					55					60				
Pro	Glu	Arg	Ala	His	Leu	Ala	Lys	Asn	Leu	Lys	Leu	Thr	Glu	Thr	Gln
	65				70					75				80	
Val	Lys	Ile	Trp	Phe	Gln	Asn	Arg	Arg	Tyr	Lys	Thr	Lys	Arg	Lys	Gln
			85						90					95	
Leu	Ser	Ser	Glu	Leu	Gly	Asp	Leu	Glu	Lys	His	Ser	Ser	Leu	Pro	Ala
			100					105						110	
Leu	Lys	Glu	Glu	Ala	Phe	Ser	Arg	Ala	Ser	Leu	Val	Ser	Val	Tyr	Asn
			115					120						125	
Ser	Tyr	Pro	Tyr	Tyr	Pro	Tyr	Leu	Tyr	Cys	Val	Gly	Ser	Trp	Ser	Pro
	130					135					140				
Ala	Phe	Trp													
145															

<210> 337

<211> 9

<212> PRT

<213> Homo sapien

<400> 337

Ala	Leu	Thr	Gly	Phe	Thr	Phe	Ser	Ala
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<210> 338

<211> 9

<212> PRT

<213> Homo sapien

<400> 338

Leu	Leu	Ala	Asn	Asp	Leu	Met	Leu	Ile
1					5			

<210> 339

<211> 318

<212> PRT

<213> Homo sapien

110

<490> 339
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 20 25 30
 Cys Thr Ser Thr Val Gln Leu Pro Gly Lys Val Val Val Val Thr Gly
 35 40 45
 Ala Asn Thr Gly Ile Gly Lys Glu Thr Ala Lys Glu Leu Ala Gln Arg
 50 55 60
 Gly Ala Arg Val Tyr Leu Ala Cys Arg Asp Val Glu Lys Gly Glu Leu
 65 70 75 80
 Val Ala Lys Glu Ile Gln Thr Thr Thr Gly Asn Gln Gln Val Leu Val
 85 90 95
 Arg Lys Leu Asp Leu Ser Asp Thr Lys Ser Ile Arg Ala Phe Ala Lys
 100 105 110
 Gly Phe Leu Ala Glu Gln Lys His Leu His Val Leu Ile Asn Asn Ala
 115 120 125
 Gly Val Met Met Cys Pro Tyr Ser Lys Thr Ala Asp Gly Phe Glu Met
 130 135 140
 His Ile Gly Val Asn His Leu Gly His Phe Leu Leu Thr His Leu Leu
 145 150 155
 Leu Glu Lys Leu Lys Glu Ser Ala Pro Ser Arg Ile Val Asn Val Ser
 160 165 170 175
 Ser Leu Ala His His Leu Gly Arg Ile His Phe His Asn Leu Gln Gly
 180 185 190
 Glu Lys Phe Tyr Asn Ala Gly Leu Ala Tyr Cys His Ser Lys Leu Ala
 195 200 205
 Asn Ile Leu Phe Thr Gln Glu Leu Ala Arg Arg Leu Lys Gly Ser Gly
 210 215 220
 Val Thr Thr Tyr Ser Val His Pro Gly Thr Val Gln Ser Glu Leu Val
 225 230 235 240
 Arg His Ser Ser Phe Met Arg Trp Met Trp Trp Leu Phe Ser Phe Phe
 245 250 255
 Ile Lys Thr Pro Gln Gln Gly Ala Gln Thr Ser Leu His Cys Ala Leu
 260 265 270
 Thr Glu Gly Leu Glu Ile Leu Ser Gly Asn His Phe Ser Asp Cys His
 275 280 285
 Val Ala Trp Val Ser Ala Gln Ala Arg Asn Glu Thr Ile Ala Arg Arg
 290 295 300
 Leu Trp Asp Val Ser Cys Asp Leu Leu Gly Leu Pro Ile Asp
 305 310 315

<210> 340

<211> 483

<212> DNA

<213> Homo sapien

<490> 340
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 ctactgtctgc aggotggagt gtctttatct ctggcgggag accgcacatt ccaactgtga 180
 ggttgctgggg gcggtttatct aggcagtgat aaacataaga tgcattttcc ttgactcccg 240
 ccttcasatt tctcttltggc tgaagcagga gtccgtgggt tcccgatgta actgaacctc 300
 gctccaaacg tgcacatcact gatgtctctc tcgggggtgc tgaatggcccg cttgtgtcacg 360
 tgcacatct ccgcatttoga ctcttgcctc aaactgtatg aagacacctg actgaactgt 420
 tttctctgggc ttccagcatt taaagtgaag ggcagcctc ctcaagctccg actccgatgc 480
 ctg 483

<210> 341
 <211> 344
 <212> DNA
 <213> Homo sapien

<400> 341

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gtgtgctaac	aagtattaaa	tattttactt	ttttccataa	agagtagctc	aaaatattgca	180
attattttaa	taattttctga	tgatgttttt	ctctgcagta	atatgtatat	catctatttag	240
aatttcttta	atgaaaaact	gaagagaaac	aaatttgtaa	ccactagcac	ttaatgtactc	300
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<210> 342
 <211> 592
 <212> DNA
 <213> Homo sapien

<400> 342

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caatgttgaa	actctttata	cttggttcca	ttatgaagtt	ggcaaatgc	tgctatccaa	120
ccgtgcaggt	aaacaaatgc	caagagagtg	atggaaccca	ttggcaagac	tttgttgatg	180
acccagattg	gaattttata	aaaataattgt	tgatgggaag	ttgtcaaaag	gtgaattact	240
tcctctcaga	gaggttaaa	aaaagtctaga	gatgctataa	taagcgctat	tttaattggc	300
aagtgccact	gtggaagag	ttcctgtgtg	tgctgaagtt	ctgaaggcca	gtcaaatcca	360
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ccagtgtctc	tatgcaataa	atcgtctctc	tctaatcttc	tcctaggttt	cattttccaa	480
agttctctct	ggtttgtgat	gtctttctgt	ctttccatta	attctataaa	atagtatggc	540
ttcagccacc	caactcttcg	cttagcttga	ccgtgagttc	cggtgcgcgc	tg	592

<210> 343
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 343

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aaaccaccaa	gctgaaaaaa	aa				382

<210> 344
 <211> 536
 <212> DNA
 <213> Homo sapien

<400> 344

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cccttccatg	tgccctgastg	gttgccaggt	cagaaaaatc	caaccccttac	gagtgcyggt	300
tcgacccctat	atccccccgc	cgcctccctt	tcctccataa	attctcttta	gtagctatta	360
ccctcttatt	atttgtatca	gaattggccc	tccttttaac	cttaccatga	gcctacaaaa	420

caactaacct gccactaata gttatgtcat cccctettatt aatcatcatc ctatgcccata 480
gtctggccta tgagtgacta caaaaaggat tagactgagc ogaataacaa aaaaaa 536

<210> 345
<211> 251
<212> DNA
<213> Homo sapien

<400> 345
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gcgtggggca ggaactacaa tctacactg cccaggagcc agacacattt atggaacaga 180
aataacata tgggttttgg agagacactg ccaactggct ggagattaat ccggacactg 240
gtgccatttc c 251

<210> 346
<211> 282
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 346
cggctctctg acactgtgat catgacaggg gttaaacag aaagtgcctg ggccctcctt 60
ctaagtcttg ttaacaaaaa aaggaaaaag aaagatctt ctcaagtaca aattctggga 120
agggagacta taactgtgctc ttgcctcaag tggagagctc tccctccgcg acaaaaaaat 180
agaaagcctt tctatttca cggccacagt agggggaagg agagtaact tggctctgtg 240
ggtctcatit ccaaggttg cttcaactgt catnaaaacc aa 282

<210> 347
<211> 201
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 347
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taaatataac ttttaaaaaa ntactanag cttttaccta ngctccataa tgcctgtaaa 120
ctgagagctg actggaccca cccagaccca gggcaagat acatgttacc atatacactt 180
tataagaat ttttttttgc c 201

<210> 348
<211> 251
<212> DNA
<213> Homo sapien

<400> 348
ctgttaataa caacatttgt gcatcacttg tgccaagtga gaaaatgttc taasatcaca 60
agagagacaa gtggcaagat gaactgacc ctaagtccca ggtgcacctg ggcaggcaga 120
aggagacact cccagctatgg aggggggttt atcttttoat cctaggtcaq gctacacatg 180
gggggaaggt ttattataga actcccaaca gccacactca cctctgccac ccaacogagt 248

gcctgcctc c 251

<210> 349
<211> 251
<212> DNA
<213> Homo sapien

<400> 349
taaaaatcaa gccatttaatt tgtatcttctg aagyttaaca atatattgga gctggatcac 60
aacccctgag gatgcacagag ctatgggttc agaacatggt gtggatttat caacagagtt 120
cagaagggtc tgaactctac gtgttacccg agaacataat gcaattcctg catteccactt 180
agcaattttg taaaatacca gaacacagacc ccaagagtct ttcagatga ggaataattca 240
actcctgggt t 251

<210> 350
<211> 368
<212> DNA
<213> Homo sapien

<400> 350
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agcccgcccg gtgaagctcg ctgctttcc tactctccta agtgactgcc aaacgcccaa 120
cgcttggaat tgccttggtt atgatgacag agaaaatgat ctctctctct gtgaacccaa 180
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ttatgcaaga acagatttat cagagaatgc taacaaatta gaggaagtg ccagagaaac 720
ccacataact tgtccggaac attcaaatgg ctctgtcatg catgggaag gtgagccttc 780
tatcaaatat caggagccat ctgcaggtg tgatgtgtgt tatactggac aacactgtga 840
aaaaaaggac tacagtgttc tatacgttgt tcccggtcct gtaagatttc agtatgtctt 900
aatgcag 908

<210> 351
<211> 472
<212> DNA
<213> Homo sapien

<400> 351
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cattcaactg attttaaat cagvttttgg agtcaattac cacaagctaa atgtgtacac 180
tatgtanaaa acaaccattg taktctgtt ttcttaaaaa gtoctaattt ctacactcat 240
atataccttt cgaatcamaa gaactttggt ttcttttact ccagtaataa agtaggcaca 300
gattgtgaca acaaaaactt gcccttctat gccctgcctc tcccatgct ctgctccagg 360
tcagccctct ttggcctgt ttgtttgttc aaaaacotaa tctgtctctt gcttttctgt 420
gtaatatata tttagggag atgttgtctt gccacacac gaagcaaaagt aa 472

<210> 352
<211> 251
<212> DNA
<213> Homo sapien

<400> 352

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caggctcgct	tcogtcccta	cgatgaagac	caogtatcgat	ttcccaacca	ttgcaactac	180
atacatggaa	aggaggggga	agccaaccca	gaatggggct	ttctctaato	ctgggatatac	240
astaagcaca	a					251

<210> 353
 <211> 436
 <212> DNA
 <213> Homo sapien

<400> 353	
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gtatccaaaa	gcaaaacagc
gataaggaaa	ottatcattt
gggggacaaa	tggaaagccar
tcatgtttga	raaggctctc
ttacagaaat	actagattca
gggtccctaa	tgtagt

<210> 354
 <211> 894
 <212> DNA
 <213> Homo sapien

<400> 354	
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aaagtcgaaa	accaaatcta
atcagggaac	accctttggg
ctggcagtag	aagctgttct
aggacattgt	caggtgcctt
ttaatggac	acctaacggc
gtgagtgaag	gatccaccat
gaatcatgac	agtaattggg
gttagggagt	gtttccagga
tgnaactgaa	aactaattca
caatatggaa	ggctctcaatt
aaataacaaa	ggattgagaa
statcaactg	catlaaatgta
catgtacac	attttccctt
acacgggatg	tcag

<210> 355
 <211> 676
 <212> DNA
 <213> Homo sapien

<400> 355	
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caggtcaaat	ctgactcttc
atccacaagt	catactctgga
gacagcatcg	ctgtaaaaaa
ctgtctctta	taagggcaaa
ccctaatcag	atgggggtga
gtgaacttcc	caagggcaaa
tcatctgcaa	aatagggtcta
tttgttaato	atggaaaaag

115

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<210> 356
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 <212> DNA
 <213> Homo sapien

<400> 356						
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gatagacggc	acagggagct	cttaggtcag	cgctgtctgt	tggaggacat	tctgaggtcc	540
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<210> 357
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 357						
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araarataag	tggttatatg	aaagaagggc	actaaacac	actaaaraaa	ctgagagkna	300
gcataaactg	tacaaaatta	aactgtctct	tttggcattt	taacaaattt	gcaacgktcc	360
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<210> 358
 <211> 630
 <212> DNA
 <213> Homo sapien

<400> 358						
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ataaagatg	tgaagattca	gactctgtgt	gcattccagg	attggccact	ctcacagaag	420
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<210> 359
 <211> 620
 <212> DNA
 <213> Homo sapien

<400> 359
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 ctgtaaaagt gtgacagtgt 620

<210> 360
 <211> 431
 <212> DNA
 <213> Homo sapien

<400> 360
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<210> 361
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 <212> DNA
 <213> Homo sapien

<400> 361
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<210> 362
 <211> 463
 <212> DNA
 <213> Homo sapien

<400> 362
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<210> 363
 <211> 653

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> {1}...{653}
<223> n = A,T,C or G

<400> 363

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<210> 364
<211> 401
<212> DNA
<213> Homo sapien

<400> 364

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<210> 365
<211> 356
<212> DNA
<213> Homo sapien

<400> 365

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<210> 366
<211> 1851
<212> DNA
<213> Homo sapien

<400> 366

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<210> 367

<211> 668

<212> DNA

<213> Homo sapien

<400> 367

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<210> 368

<211> 1312

<212> DNA

<213> Homo sapien

<400> 368

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120

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1853

<210> 370
 <211> 2184
 <212> DNA
 <213> Homo sapien

<400> 370

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<210> 371
 <211> 1855
 <212> DNA
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<400> 371

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actggtttta	gtgactagag	atctcgtctc	tttggcaagt	ttctaaaaaa	cagtaataga	1800
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<210> 372

<211> 1059

<212> DNA

<213> Homo sapien

<400> 372

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aagatctgga	gaagctccac	agagctgccc	tgttggggta	aagtcgccac	aaaggtcttc	240
atgctcagtc	tccggggacc	tgaggtgaac	aaargggaca	agcaaaagag	gactgctcta	300
cactcggcct	ctgcacattg	gaattcagaa	tatgataaac	tcctgctgga	cagacgatgt	360
caacttaagt	tcctttgaca	caaaaaggag	acagctctga	yaagggcgtg	acactgcgac	420
gaagatgaat	gtgcgttact	gttgcctgaa	catggcactg	atcccaaatat	tcctagatgg	480
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ctgctctctg	ayggctctga	tatcgaatca	aaaaaacagg	tatagctcta	ctcaattttat	600
cttcacaaata	ctgaaatgca	ttcattttta	cattgacagt	tgtaaaggcc	agtcttccgt	660
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<210> 373

<211> 1155

<212> DNA
<213> Homo sapien

<400> 373

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ggagactacg	atgacagtgc	cttcatggag	cccaggtacc	acgtccgttg	agaagctctg	420
gcaacgtctc	acagagctgc	ctggtggggt	aaagtcccca	gaaggatctc	catgctcatg	480
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tcagaggag	agtccacaag	gottgagggc	sgtagaaatg	gacagccaga	gctgagaaat	1560
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<214> 374
<211> 2000
<212> DNA
<213> Homo sapien

<400> 374

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tcagaggag	agtccacaag	gottgagggc	sgtagaaatg	gacagccaga	gctgagaaat	1560
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123

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ctgactaatg gtgcacatgc tggcaatggt gatgagggat taattccicc aaggaaagac 1680
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caaaatgata ctccagagca attttgtgaa gaacagagaa ctggaaatatt acscagatgag 1800
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<210> 375
<211> 2040
<212> DNA
<213> Homo sapien

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<400> 375
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atggccaaatg ggtgccgcca ctgtctccct tgcctgacggg gggctggcca gagcaaatgt 240
ggcgctcttg gagacaagca cgaactctgt atgaagacac tcaggaacaa gctgggcaag 300
tggctctgcc actgcttccc ctgtctcagg gggagcgcca agagcaaggt gggcgcttgg 360
ggagactaac atgacagtg ctctcatggag cccaggtacc acgtccgttg agaagatctg 420
gacaaagctcc acagagctgc ctggtagggg aaagtcccca gaagagatct catgctcatg 480
ctcagggaaca ctgacgtgaa caagaaaggac aagcaaaaaga ggcctgctct acatctggcc 540
ctcgcaaatg ggaattcaga agtagtaaaa ctctgtctgg acagacgctg tcaacttaat 600
gtccttgata acaaaaagag gacagctctg ataaaggccg tacaatgccca ggaagatgaa 660
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accactctgc actaacgtat ctataatgaa gataaattaa tggccaaagc actgctotta 780
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<210> 376
<211> 329
<212> PRT
<213> Homo sapien

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<400> 376
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Leu His Leu Ala Gly Ser Asp Leu Leu Ser Arg Ser Leu Met Ala Glu

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124

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Glu	Tyr	Thr	Ile	Val	His	Ala	Ser	Phe	Ile	Ser	Cys	Ile	Ser	Ser	Ser					Glu	Gln	Arg	Gly	His	Phe	Trp	Arg									Glu	Gln	Arg	Gly	His	Phe	Trp	Arg										
Leu	Asp	Gly	Gln	Gly	Glu	Arg	Gln	Glu	Gln	Arg	Gly	His	Phe	Trp	Arg					Leu	Asp	Gly	Gln	Gly	Glu	Arg	Gln	Glu	Val	Gln	Val						Leu	Asp	Gly	Gln	Gly	Glu	Arg	Gln	Glu	Val	Gln	Val					
Pro	Gln	Arg	Leu	Leu	Cys	Glu	Asp	Ala	Trp	Gln	Gln	Glu	Val	Gln	Val					Pro	Gln	Arg	Leu	Leu	Cys	Glu	Asp	Ala	Trp	Gln	Glu	Val	Gln	Val			Pro	Gln	Arg	Leu	Leu	Cys	Glu	Asp	Ala	Trp	Gln	Glu	Val	Gln	Val		
Val	Leu	Pro	Leu	Leu	Pro	Leu	Leu	Gln	Gly	Ser	Gly	Lys	Ser	Asn	Val					Val	Leu	Pro	Leu	Leu	Pro	Leu	Leu	Gln	Gly	Ser	Gly	Lys	Ser	Asn	Val		Val	Leu	Pro	Leu	Leu	Pro	Leu	Leu	Gln	Gly	Ser	Gly	Lys	Ser	Asn	Val	
Val	Ala	Thr	Gly	Gly	Asp	Tyr	Asp	Asp	Ser	Ala	Phe	Met	Asp	Pro	Arg	Tyr				Val	Ala	Thr	Gly	Gly	Asp	Tyr	Asp	Asp	Ser	Ala	Phe	Met	Asp	Pro	Arg	Tyr	Val	Ala	Thr	Gly	Gly	Asp	Tyr	Asp	Asp	Ser	Ala	Phe	Met	Asp	Pro	Arg	Tyr
His	Val	His	Gly	Gln	Asp	Leu	Asp	Lys	Leu	His	Arg	Ala	Ala	Ala	Trp	Trp				His	Val	His	Gly	Gln	Asp	Leu	Asp	Lys	Leu	His	Arg	Ala	Ala	Trp	Trp		His	Val	His	Gly	Gln	Asp	Leu	Asp	Lys	Leu	His	Arg	Ala	Ala	Trp	Trp	
Gly	Lys	Val	Pro	Arg	Lys	Asp	Leu	Ile	Val	Met	Leu	Arg	Asp	Thr	Asp					Gly	Lys	Val	Pro	Arg	Lys	Asp	Leu	Ile	Val	Met	Leu	Arg	Asp	Thr	Asp		Gly	Lys	Val	Pro	Arg	Lys	Asp	Leu	Ile	Val	Met	Leu	Arg	Asp	Thr	Asp	
Val	Asn	Lys	Arg	Asp	Lys	Gln	Lys	Arg	Thr	Ala	Leu	His	Leu	Ala	Ser					Val	Asn	Lys	Arg	Asp	Lys	Gln	Lys	Arg	Thr	Ala	Leu	His	Leu	Ala	Ser		Val	Asn	Lys	Arg	Asp	Lys	Gln	Lys	Arg	Thr	Ala	Leu	His	Leu	Ala	Ser	
Ala	Asn	Gly	Asn	Ser	Glu	Val	Val	Lys	Leu	Val	Leu	Asp	Arg	Arg	Cys					Ala	Asn	Gly	Asn	Ser	Glu	Val	Val	Lys	Leu	Val	Leu	Asp	Arg	Arg	Cys		Ala	Asn	Gly	Asn	Ser	Glu	Val	Val	Lys	Leu	Val	Leu	Asp	Arg	Arg	Cys	
Gln	Leu	Asn	Val	Leu	Asp	Asn	Lys	Lys	Arg	Thr	Ala	Leu	Thr	Lys	Ala					Gln	Leu	Asn	Val	Leu	Asp	Asn	Lys	Lys	Arg	Thr	Ala	Leu	Thr	Lys	Ala		Gln	Leu	Asn	Val	Leu	Asp	Asn	Lys	Lys	Arg	Thr	Ala	Leu	Thr	Lys	Ala	
Val	Gln	Cys	Gln	Gln	Asp	Glu	Cys	Ala	Leu	Met	Leu	Leu	Glu	His	Gly					Val	Gln	Cys	Gln	Gln	Asp	Glu	Cys	Ala	Leu	Met	Leu	Leu	Glu	His	Gly		Val	Gln	Cys	Gln	Gln	Asp	Glu	Cys	Ala	Leu	Met	Leu	Leu	Glu	His	Gly	
Thr	Asp	Pro	Asn	Ile	Pro	Asp	Gln	Tyr	Gly	Asn	Thr	Thr	Leu	His	Tyr					Thr	Asp	Pro	Asn	Ile	Pro	Asp	Gln	Tyr	Gly	Asn	Thr	Thr	Leu	His	Tyr		Thr	Asp	Pro	Asn	Ile	Pro	Asp	Gln	Tyr	Gly	Asn	Thr	Thr	Leu	His	Tyr	
Ala	Val	Tyr	Asn	Glu	Asp</																																																

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<210> 377
<211> 148
<212> FRT
<213> Homo sapien
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<223> Xaa = Any Amino Acid
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<400> 377															
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Trp	Thr	Ser	Ser	Thr	Glu	Leu	Pro	Trp	Trp	Gly	Lys	Val	Pro	Arg	Lys
				20				25					30		
Asp	Leu	Ile	Val	Met	Leu	Arg	Asp	Trp	Asp	Val	Asn	Lys	Asa	Asp	Lys
				35			40					45			
Gln	Lys	Arg	Thr	Ala	Leu	His	Leu	Ala	Ser	Ala	Asn	Gly	Asn	Ser	Glu

125

50	55	60
Val Val Lys Leu Xaa	Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp	
65	70	75
Asn Lys Lys Arg Thr Ala Leu Xaa Lys	Ala Val Gln Cys Gln Glu Asp	80
	85	90
Glu Cys Ala Leu Met Leu Leu Gln His	Gly Thr Asp Pro Asn Ile Pro	95
	100	105
Asp Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Xaa Tyr Asn Glu Asp		110
	115	120
Lys Leu Met Ala Lys Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser		125
	130	135
Lys Asn Lys Val		140
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<210> 378

<211> 1719

<212> PRT

<213> Homo sapien

<400> 378

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Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp	25
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His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp	40
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Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val	55
65	70
Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn	75
	85
Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser	90
	100
Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe	105
	115
Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His	120
	130
Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met	135
145	150
Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr Ala	155
	165
Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu	170
	180
Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr	185
	195
Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu Cys Ala Leu Met	200
	210
Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn	215
225	230
Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys	235
	245
Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly	250
	260
Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys Gln Gln Val Val	265
	275
Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr	280
	290
	295
	300

Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
 305 310 315 320
 Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser Ser Gln Asp Leu
 325 330 335
 Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser His His His Val
 340 345 350
 Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile
 355 360 365
 Ser Ser Glu Asn Ser Asn Pro Glu Asn Val Ser Arg Thr Arg Asn Lys
 370 375 380
 Pro Arg Thr His Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser
 385 390 395 400
 Ser Val Lys Lys Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys
 405 410 415
 Cys Arg Cys Phe Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly
 420 425 430
 Thr Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys
 435 440 445
 Met Gly Lys Trp Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly
 450 455 460
 Lys Ser Asn Val Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys
 465 470 475 480
 Thr Leu Arg Asn Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys
 485 490 495
 Cys Arg Gly Ser Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp
 500 505 510
 Asp Ser Ala Phe Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu
 515 520 525
 Asp Lys Leu His Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp
 530 535 540
 Leu Ile Val Met Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln
 545 550 555 560
 Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val
 565 570 575
 Val Lys Leu Leu Asp Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn
 580 585 590
 Lys Lys Arg Thr Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu
 595 600 605
 Cys Ala Leu Met Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp
 610 615 620
 Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys
 625 630 635 640
 Leu Met Ala Lys Ala Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys
 645 650 655
 Asn Lys His Gly Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys
 660 665 670
 Gln Gln Val Val Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala
 675 680 685
 Leu Asp Arg Tyr Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly
 690 695 700
 Ser Ala Ser Ile Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser
 705 710 715 720
 Ser Gln Asp Leu Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser
 725 730 735
 His His His Val Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln
 740 745 750
 Met Leu Lys Ile Ser Ser Glu Asn Ser Asn Pro Glu Glu Asp Leu Lys
 755 760 765

Leu Thr Ser Glu Glu Glu Ser Gln Arg Phe Lys Gly Ser Glu Asn Ser
 770 775 780
 Gln Pro Glu Lys Met Ser Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp
 785 790 795 800
 Arg Glu Val Glu Glu Glu Met Lys Lys His Glu Ser Asn Asn Val Gly
 805 810 815
 Leu Leu Glu Asn Leu Thr Asn Gly Val Thr Ala Gly Asn Gly Asp Asn
 820 825 830
 Gly Leu Ile Pro Gln Arg Lys Ser Arg Thr Pro Glu Asn Gln Gln Phe
 835 840 845
 Pro Asp Asn Glu Ser Glu Glu Tyr His Arg Ile Cys Glu Leu Val Ser
 850 855 860
 Asp Tyr Lys Glu Lys Glu Met Pro Lys Tyr Ser Ser Glu Asn Ser Asn
 865 870 875 880
 Pro Glu Gln Asp Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Leu
 885 890 895
 Glu Gly Ser Glu Asn Gly Gln Pro Glu Leu Glu Asn Phe Met Ala Ile
 900 905 910
 Glu Glu Met Lys Lys His Gly Ser Thr His Val Gly Phe Pro Glu Asn
 915 920 925
 Leu Thr Asn Gly Ala Thr Ala Gly Asn Gly Asp Gly Leu Ile Pro
 930 935 940
 Pro Arg Lys Ser Arg Thr Pro Glu Ser Gln Gln Phe Pro Asp Thr Glu
 945 950 955 960
 Asn Glu Glu Tyr His Ser Asp Glu Gln Asn Asp Thr Gln Lys Gln Phe
 965 970 975
 Cys Glu Glu Gln Asn Thr Gly Ile Leu His Asp Glu Ile Leu Ile His
 980 985 990
 Glu Glu Lys Gln Ile Glu Val Val Glu Lys Met Asn Ser Glu Leu Ser
 995 1000 1005
 Leu Ser Cys Lys Lys Glu Lys Asp Ile Leu His Glu Asn Ser Thr Leu
 1010 1015 1020
 Arg Glu Glu Ile Ala Met Leu Arg Leu Glu Leu Asp Thr Met Lys His
 1025 1030 1035 1040
 Gln Ser Gln Leu Pro Arg Thr His Met Val Val Glu Val Asp Ser Met
 1045 1050 1055
 Pro Ala Ala Ser Ser Val Lys Lys Pro Phe Gly Leu Arg Ser Lys Met
 1060 1065 1070
 Gly Lys Trp Cys Cys Arg Cys Phe Pro Cys Cys Arg Glu Ser Gly Lys
 1075 1080 1085
 Ser Asn Val Gly Thr Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr
 1090 1095 1100
 Leu Arg Ser Lys Met Gly Lys Trp Cys Arg His Cys Phe Pro Cys Cys
 1105 1110 1115 1120
 Arg Gly Ser Gly Lys Ser Asn Val Gly Ala Ser Gly Asp His Asp Asp
 1125 1130 1135
 Ser Ala Met Lys Thr Leu Arg Asn Lys Met Gly Lys Trp Cys Cys His
 1140 1145 1150
 Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Lys Val Gly Ala Trp
 1155 1160 1165
 Gly Asp Tyr Asp Asp Ser Ala Phe Met Glu Pro Arg Tyr His Val Arg
 1170 1175 1180
 Gly Glu Asp Leu Asp Lys Leu His Arg Ala Ala Trp Trp Gly Lys Val
 1185 1190 1195 1200
 Pro Arg Lys Asp Leu Ile Val Met Leu Arg Asp Thr Asp Val Asn Lys
 1205 1210 1215
 Lys Asp Lys Gln Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly
 1220 1225 1230

Asn Ser Glu Val Val Lys Leu Leu Leu Asp Arg Arg Cys Gln Leu Asn
 1235 1240 1245
 Val Leu Asp Asn Lys Lys Arg Thr Ala Leu Ile Lys Ala Val Gln Cys
 1250 1255 1260
 Gln Glu Asp Glu Cys Ala Leu Met Leu Leu Glu His Gly Thr Asp Pro
 1265 1270 1275 1280
 Asn Ile Pro Asp Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Ile Tyr
 1285 1290 1295
 Asn Glu Asp Lys Leu Met Ala Lys Ala Leu Leu Tyr Gly Ala Asp
 1300 1305 1310
 Ile Glu Ser Lys Asn Lys His Gly Leu Thr Pro Leu Leu Leu Gly Val
 1315 1320 1325
 His Glu Gln Lys Lys Gln Gln Val Val Lys Phe Leu Ile Lys Lys Lys Ala
 1330 1335 1340
 Asn Leu Asn Ala Leu Asp Arg Tyr Gly Arg Thr Ala Leu Ile Leu Ala
 1345 1350 1355 1360
 Val Cys Cys Gly Ser Ala Ser Ile Val Ser Leu Leu Leu Glu Gln Asn
 1365 1370 1375
 Ile Asp Val Ser Ser Gln Asp Leu Ser Gly Gln Thr Ala Arg Glu Tyr
 1380 1385 1390
 Ala Val Ser Ser His His His Val Ile Cys Gln Leu Leu Ser Asp Tyr
 1395 1400 1405
 Lys Glu Lys Gln Met Leu Lys Ile Ser Ser Glu Asn Ser Asn Pro Glu
 1410 1415 1420
 Gln Asp Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Phe Lys Gly
 1425 1430 1435 1440
 Ser Glu Asn Ser Gln Pro Glu Lys Met Ser Gln Glu Pro Glu Ile Asn
 1445 1450 1455
 Lys Asp Gly Asp Arg Glu Val Glu Glu Glu Met Lys Lys His Glu Ser
 1460 1465 1470
 Asn Asn Val Gly Leu Leu Glu Asn Leu Thr Asn Gly Val Thr Ala Gly
 1475 1480 1485
 Asn Gly Asp Asn Gly Leu Ile Pro Gln Arg Lys Ser Arg Thr Pro Glu
 1490 1495 1500
 Asn Gln Gln Phe Pro Asp Asn Glu Ser Glu Glu Tyr His Arg Ile Cys
 1505 1510 1515 1520
 Glu Leu Val Ser Asp Tyr Lys Glu Lys Gln Met Pro Lys Tyr Ser Ser
 1525 1530 1535
 Glu Asn Ser Asn Pro Glu Gln Asp Leu Lys Leu Thr Ser Gln Glu Glu
 1540 1545 1550
 Ser Gln Arg Leu Glu Gly Ser Glu Asn Gly Gln Pro Glu Lys Arg Ser
 1555 1560 1565
 Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp Arg Glu Leu Glu Asn Phe
 1570 1575 1580
 Met Ala Ile Glu Glu Met Lys Lys His Gly Ser Thr His Val Gly Phe
 1585 1590 1595 1600
 Pro Glu Asn Leu Thr Asn Gly Ala Thr Ala Gly Asn Gly Asp Asp Gly
 1605 1610 1615
 Leu Ile Pro Pro Arg Lys Ser Arg Thr Pro Glu Ser Gln Gln Phe Pro
 1620 1625 1630
 Asp Thr Glu Asn Glu Glu Tyr His Ser Asp Glu Gln Asn Asp Thr Gln
 1635 1640 1645
 Lys Gln Phe Cys Glu Glu Gln Asn Thr Gly Ile Leu His Asp Glu Ile
 1650 1655 1660
 Leu Ile His Glu Glu Lys Glu Ile Glu Val Val Glu Lys Met Asn Ser
 1665 1670 1675 1680
 Glu Leu Ser Leu Ser Cys Lys Lys Glu Lys Asp Ile Leu His Glu Asn
 1685 1690 1695

129

Ser Thr Leu Arg Glu Glu Ile Ala Met Leu Arg Leu Glu Leu Asp Thr
 1700 1705 1710
 Met Lys His Gln Ser Gln Leu
 1715

<210> 379
 <211> 656
 <212> PRT
 <213> Homo sapien

<400> 379
 Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser Ser Val Lys Lys
 1 5 10 15
 Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys Cys Arg Cys Phe
 20 25 30
 Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp
 35 40 45
 His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp
 50 55 60
 Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val
 65 70 75 80
 Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn
 85 90 95
 Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser
 100 105 110
 Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe
 115 120 125
 Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His
 130 135 140
 Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met
 145 150 155 160
 Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr Ala
 165 170 175
 Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu
 180 185 190
 Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr
 195 200 205
 Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu Cys Ala Leu Met
 210 215 220
 Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn
 225 230 235 240
 Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys
 245 250 255
 Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly
 260 265 270
 Leu Thr Pro Leu Leu Leu Gly Val His Gln Gln Lys Gln Gln Val Val
 275 280 285
 Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr
 290 295 300
 Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
 305 310 315 320
 Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser Ser Gln Asp Leu
 325 330 335
 Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser His His His Val
 340 345 350
 Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile
 355 360 365
 Ser Ser Glu Asn Ser Asn Pro Gln Gln Asp Leu Lys Leu Thr Ser Glu

370	375	380
Glu Glu Ser Gln Arg Phe Lys Gly Ser Glu Asn Ser Gln Pro Glu Lys		
385	390	395
Met Ser Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp Arg Glu Val Glu		
	405	410
Glu Glu Met Lys Lys His Glu Ser Asn Asn Val Gly Leu Leu Glu Asn		
	420	425
Leu Thr Asn Gly Val Thr Ala Gly Asn Gly Asp Asn Gly Leu Ile Pro		
	435	440
Gln Arg Lys Ser Arg Thr Pro Glu Asn Gln Gln Phe Pro Asp Asn Glu		
	450	455
Ser Glu Glu Tyr His Arg Ile Cys Glu Leu Val Ser Asp Tyr Lys Glu		
	465	470
Lys Gln Met Pro Lys Tyr Ser Ser Glu Asn Ser Asn Pro Glu Gln Asp		
	485	490
Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Leu Glu Gly Ser Glu		
	500	505
Asn Gly Gln Pro Glu Leu Glu Asn Phe Met Ala Ile Glu Glu Met Lys		
	515	520
Lys His Gly Ser Thr His Val Gly Phe Pro Glu Asn Leu Thr Asn Gly		
	530	535
Ala Thr Ala Gly Asn Gly Asp Asp Gly Leu Ile Pro Pro Arg Lys Ser		
	545	550
Arg Thr Pro Glu Ser Glu Gln Phe Pro Asp Thr Glu Asn Glu Glu Tyr		
	565	570
His Ser Asp Glu Gln Asn Asp Thr Gln Lys Gln Phe Cys Glu Glu Gln		
	580	585
Asn Thr Gly Ile Leu His Asp Glu Ile Leu Ile His Glu Glu Lys Gln		
	595	600
Ile Glu Val Val Glu Lys Met Asn Ser Glu Leu Ser Leu Ser Cys Lys		
	610	615
Lys Glu Lys Asp Ile Leu His Glu Asn Ser Thr Leu Arg Glu Glu Ile		
	625	630
Ala Met Leu Arg Leu Glu Leu Asp Thr Met Lys His Gln Ser Glu Leu		
	645	650
		655

<218> 380

<211> 671

<212> PRT

<213> Homo sapien

<450> 380

Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser Ser Val Lys Lys	
1	5
Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys Cys Arg Cys Phe	10
	25
Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp	25
	35
His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp	40
	50
Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val	55
	65
Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn	70
	85
Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser	90
	100
Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe	105
	115
	120
	125

Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His
 130 135 140
 Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met
 145 150 155 160
 Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr Ala
 165 170 175
 Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu
 180 185 190
 Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr
 195 200 205
 Ala Leu Ile Lys Ala Val Gln Cys Glu Glu Asp Glu Cys Ala Leu Met
 210 215 220
 Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn
 225 230 235 240
 Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys
 245 250 255
 Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly
 260 265 270
 Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys Gln Gln Val Val
 275 280 285
 Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr
 290 295 300
 Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
 305 310 315 320
 Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser Ser Gln Asp Leu
 325 330 335
 Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser His His His Val
 340 345 350
 Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile
 355 360 365
 Ser Ser Glu Asn Ser Asn Pro Glu Gln Asp Leu Lys Leu Thr Ser Glu
 370 375 380
 Glu Glu Ser Gln Arg Phe Lys Gly Ser Glu Asn Ser Gln Pro Glu Lys
 385 390 395 400
 Met Ser Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp Arg Glu Val Glu
 405 410 415
 Gln Glu Met Lys Lys His Glu Ser Asn Asn Val Gly Leu Leu Glu Asn
 420 425 430
 Leu Thr Asn Gly Val Thr Ala Gly Asn Gly Asp Asn Gly Leu Ile Pro
 435 440 445
 Gln Arg Lys Ser Arg Thr Pro Glu Asn Gln Glu Phe Pro Asp Asn Glu
 450 455 460
 Ser Glu Glu Tyr His Arg Ile Cys Glu Leu Val Ser Asp Tyr Lys Glu
 465 470 475 480
 Lys Gln Met Pro Lys Tyr Ser Ser Glu Asn Ser Asn Pro Gln Gln Asp
 485 490 495
 Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Leu Glu Gly Ser Glu
 500 505 510
 Asn Gly Gln Pro Glu Lys Arg Ser Gln Glu Pro Glu Ile Asn Lys Asp
 515 520 525
 Gly Asp Arg Glu Leu Glu Asn Phe Met Ala Ile Glu Glu Met Lys Lys
 530 535 540
 His Gly Ser Thr His Val Gly Phe Pro Glu Asn Leu Thr Asn Gly Ala
 545 550 555 560
 Thr Ala Gly Asn Gly Asp Asp Gly Leu Ile Pro Pro Arg Lys Ser Arg
 565 570 575
 Thr Pro Glu Ser Gln Gln Phe Pro Asp Thr Glu Asn Glu Glu Tyr His
 580 585 590


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Ser Asp Glu Gln Asn Asp Thr Gln Lys Gln Phe Cys Glu Glu Gln Asn
      595                      600                      605
Thr Gly Ile Leu His Asp Glu Ile Leu Ile His Glu Glu Lys Gln Ile
      610                      615                      620
Glu Val Val Glu Lys Met Asn Ser Glu Leu Ser Leu Ser Cys Lys Lys
      625                      630                      635                      640
Glu Lys Asp Ile Leu His Glu Asn Ser Thr Leu Arg Glu Glu Ile Ala
      645                      650                      655
Met Leu Arg Leu Glu Leu Asp Thr Met Lys His Gln Ser Gln Leu
      660                      665                      670

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<210> 381
 <211> 251
 <212> DNA
 <213> Homo sapien

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<400> 381
ggagaagcgt ctgctggggc aggaaggggt ttccctgccc tctcacctgt cctccaccaa      60
gtaacatbce ttccctcaag ggtatcccaa cccagggggc tcaccatgac ctctggaggg      120
ccatattccc aggaagagca ttggggaggt gggggcgggt gaaggaccca gaactcacac      180
atcctggggc tccaagggcag aggaagaggt ctcaagaag gtcaggagga aaatccgtaa      240
caagcagta q
                                         251

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<210> 382
 <211> 3279
 <212> DNA
 <213> Homo sapiens

```

<400> 382
cttctgcag ccccaatgct ggtgaggggc acggggcagg acagtggacc caacatggaa      60
atgctgaggg gtgtccaggaa gtgctggggc tctggggcag ggaggagggg tggggaggtgt      120
cacttggggc ggcacatctg cagaaggtag gagttagcaa scacccctcg caagggcagg      180
ggagagccctg ggcacatctg gggagcagag gggagcagac ctgccccagg ctggggaggg      240
gggctgtgag ggcgtgagga gggagcaggg ggcctgcatg ctggagtgag ggatccagg      300
caggggcgga gatggcctca cccagggaaag agagggccccc tctgcagggg cctccactgg      360
gcanagggag gacactgctt tctctctgag gagtccaggag ctgtggatgg tgctggagac      420
aagaggggaca gggcctggct cagggtgtcca gggcgtctgg ctggctlccc ttggagatac      480
gactgcaggg agggagggggc gaagggttgt ggggggagtg acgatgagga tgacctgggg      540
gtggctccag gccctgcccc tgcctggggc ctcaaccagc ctccctcaaca gctctcctgg      600
cctcagttct tccctccacc tccatctctc atctggcctc agtgggtcat tctgatcaat      660
gaactgacca taaccagccc tgcctcaggg cctccatggc tcccacatgc cctggagagg      720
ggactctctag tcaagagagta gtccatgaaga ggtggcctct gcgatgtgcc tgtgggggca      780
gcactctgca gatggtcccg gccctcctcc tctgcacctg tctgcaggga ctgtccctct      840
ggaccttgcc cctgtgtcag gacttggaac ctgaagtcce ctccccatag gccacagact      900
gagcctgtgt cctctgttgt gactccctgc ccatattctt gtggagtggt gttctggaga      960
catlctctgt tgttctctgag agctgggaat tgcctctagt catctgctgt cgcgtttctg      1020
agagctggag ttgcclaggg agttatttgg gccaatcttt ctcactgtgt ctctcctct      1080
ttccctctag ggtgattctg ggggtccact tgtctgtaat ggtgtgtctc aaggtatcac      1140
atcatggggc cctgagccat gtgccctgac tgaanaagct gctgtgtaca ccaaggtgtg      1200
gcattacagg aagtggatca aggacacccat cgcagccaac cctgagtgct cctgtcccca      1260
ccctccctcc ctgtaaatatt aagtcacccct cactgtctgt catcacttgg cctttctgga      1320
tgtgtgagac ctgaagcttg gaactccctt ggcctccact agagctccat gactcctact      1380
gactgtgctt ttctgtgtgt gactccaggg ctgctaggaa aaggaaatgg cagacacagg      1440
tgtattccaa tgtlctgtaa atgggtataa ttctgtctc tctctgggaa cactgtctgt      1500
ctctgaaagg ttctgtctca gtttcagtga ggacacacac aaagacgtgt gtgacacatg      1560
tgtttgtggg gtgcagagat gggaggggtg gggcccaccc tggaaagagt gacagtga      1620
caaggtggac actctctaca gatcactgag gataagctgg agccacaagt catgaggcac      1680
acacacagca aggttgacgc tgaataacata gcccaagctg tcttgggggc actgggaagg      1740

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ctagatataagg ccgtgagcag aaagaagggg aggtctctcc tatgtttgttg aagaggaggac 1800
 taggggggga aactgaaagc tgattatatta caggaggttt gtccaggtcc cccaaaccac 1860
 cgtcagattt gatgatttcc tagcaggact taacgaataa aagagctatc atgctgtggc 1920
 ttattatggt ttgtacatt gataggatcc atactgaat cagcaaacac aacagatgta 1980
 tagattagag tctggagaaa acagaggaas aacttgagtt agcaagactg gcaactggc 2040
 ttactaatgt ttccagactg gcaggaaatc aaacctatta ggttgaggac ctgtgtgagt 2100
 ttagctggtc cagctgctag aggaactagc caggtggggg ctttccct ttggtggggg 2160
 ccatatccga cagtattct ctccaaatgg agacttaccg acagcatata attctccctg 2220
 caagatgta tgataatgt tacaagaata tccaaactga ggaagctcac ctgctctta 2280
 gtgtccaggg ttttacttg ggtctgttag gacagtatg gactactga ataatggac 2340
 tgaagtcttc agactgagg ttccctagag ttaaacaga tacagctgg tccagagtcc 2400
 oagatgtaca aaacagggg ttcatocaa atcccatott tagcatgag ggtctggcat 2460
 ggcccaagcc cccaagtata tcaaggcact tgggcagaac atgccaaaga atcaaatgct 2520
 atctccccag agtatctaa ggttgagccc ttacttggg atgtacaggc ttgagcagt 2580
 gcagggtctc tgagtcaaac ttbtattgta caggggtga ggaagaggga gaggatgagg 2640
 aagcccccct ggggatttgg ttgtgtcttg tgtccaggtg gtctatggg ctatccctac 2700
 aaagaagaat ccaagaatat gggcacattg aggaatgata ctgagcccaa agagcattca 2760
 atcttctgtt tatttgcctt cttttcacac acttggtag ggggggatta ccacctggg 2820
 gtttatgaag tggttgaaca cccacacat agcacccgag atatgagatc aacagttctt 2880
 tagccataga gattcacagc ccaagagcagg agaacgtgc acaccatgca ggaatgactg 2940
 ggggatgcgc tgggatttgg tgtgaagag caaggaactg tagaggcagg ctttaagta 3000
 acaagaaggt gggccaaact ctgatttccg tgggggaatt tcatgttct gcttactaa 3060
 gttttgagac tggcaggtag tgaactcat taggctgaga acctgtgga atgcagctga 3120
 cccagctgat agaggaagta gccaggtggg agcctttccc agtgggtgtg gacatatat 3180
 ggcagagatt tgtggcactc ctggttacag atactggggc agcaaataaa actgactott 3240
 gtttcagac ottaaaaaaa aaaaaaaaaa aaagatttt 3279

<210> 383
 <211> 164
 <212> PRT
 <213> Homo sapiens

<400> 383
 Met Ala Gly Val Arg Asp Gln Gly Gln Gly Ala Arg Trp Pro His Thr
 5 10 15
 Gly Lys Arg Gly Pro Leu Leu Gln Gly Leu Thr Trp Ala Thr Gly Gly
 20 25 30
 His Cys Phe Ser Ser Gln Glu Ser Gly Ala Val Asp Gly Ala Gly Gln
 35 40 45
 Lys Lys Asp Arg Ala Trp Leu Arg Cys Pro Glu Ala Val Ala Gly Phe
 50 55 60
 Pro Leu Gly Ser Asp Cys Arg Glu Gly Gly Arg Gln Gly Cys Gly Gly
 65 70 75 80
 Ser Asp Asp Glu Asp Asp Leu Gly Val Ala Pro Gly Leu Ala Pro Ala
 85 90 95
 Trp Ala Leu Thr Gln Pro Pro Ser Gln Ser Phe Gly Pro Gln Ser Leu
 100 105 110
 Pro Ser Thr Pro Ser Ser Ile Trp Pro Gln Trp Val Ile Leu Ile Thr
 115 120 125
 Glu Leu Thr Ile Pro Ser Pro Ala His Gly Pro Pro Trp Leu Pro Asn
 130 135 140
 Ala Leu Glu Arg Gly His Leu Val Arg Glu
 145 150

<210> 384
 <211> 557
 <212> DNA
 <213> Homo sapiens

```

<400> 384
ggatctctcta gaggggcgcg ctactactac taaattcgcg gcgcgctcga ogaagaagag 60
aaagatgtgt tttgttttgg actctctgtg gbnctctcca atgctgtggg ttccaacca 120
ggggaagggt ccccttttgc ttgccaagtg ccaataacat gagcactact ctaaccatgg 180
tgtgcctcct gcccaagcag gctgttttgc aagaatgaaa tgaatgatto tacagctagg 240
acttaacett gaattggaaa gtcttgaat cccatttgcg ggatcggtgt gtcacatgac 300
ctctgtagag agcagcattc ccagggaacot tggaaacagt tggcactgta agtgtcttgc 360
tcccgaagac acatcctaaa aggtgttcta atggtgaaaa cgtcttctct ctttattgac 420
cctctctatt tatgtgaaca actgtttgtc tttttttgta tottttttaa actgtaagat 480
tcaattgtga aaatgaatat catgcasata aatttatgga ttttttttcc aaagtaaaaa 540
aaaaaaaaa aaaaaaa 557

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<210> 385
<211> 337
<212> DNA
<213> Homo sapiens

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```

<400> 385
ttccacaggtg atgtggcagg gaagacacat ttactatcct tgaaggggct gattccttia 60
gtttctctag cagcagatgg gttagggaga agtgcaccaa gtgtttgact cctatgtgga 120
tclcaaaagcc atctgctgtc tttaggtacg gacacatcat cactctgta ttgttgatca 180
aaacgtggag gtgcttttcc tcagctaaga agccctttagc aaaaagctga atagacttag 240
tatcagacag gtccagtttc cgcaccaaac cctgtctgtt cccgtctcgt gtctgtgact 300
ctttggccac caattccccc ttttccacat cccggca 337

```

```

<210> 386
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 386
ggggccgcta cgggcacagg ccccgccctcg cagatcctcc tccccgggtg cctgcccga 60
gcgcgctcgg cccagagggt ggggcggggg ctgcctctac cggcttgagg ctgttatcca 120
ggacacttgg cccgaaggct ctagcaagga cccaccgacc ccagcccgag cggggcgagg 180
ggggcctttg cccgtgtgtt gggggcgaag ggaactcggt tccggcgagc ggcagcgaag 240
atgttagcct tctgtccag gaccctggac cagatccagg cgtgtgggtg aacctcagcc 300

```

```

<210> 387
<211> 537
<212> DNA
<213> Homo sapiens

```

```

<400> 387
gggcggagtc gggcaccaag ggactctttg caggcttctt tctcggatc atcaaggctg 60
ccccctctgt tgccatcatg atcagcacct atgagttcgg caaaaagcttc ttccagaggc 120
tgaaccagga ccggtctctg ggcggtgaa aggggcaagg agggcaaggc cccgtctctc 180
ccacggatgg ggaagaggga ggaaggagac cagccaagtg ccttttcttc agcactgagg 240
gagggggctt gtttcccttc cctacgggag acaagctcca gggcagggtc gtccctctgg 300
gcggccacag acttctctag acacaacttc ttctgtctgc tccagtcgtg gggatcatca 360
cttaaccacc ccccaagttc aagacaaatc ctccagctgt cccctcttct gtttccctgt 420
gtttctgtga gctgggcatg tctccaggaa ccaagagctc ttagtctctc 480
ctgacccttg ttaattcctt aagtctaaag atgatgaact tcaaaaaaaa aaaaaaa 537

```

```

<210> 388
<211> 520
<212> DNA
<213> Homo sapiens

```

```

<400> 388
aggataattt ttaaaccat csaatgaaa aaaaaaaa aaaaaaagg aatgtcatg 60
tgaggttaaa ccagtttgca ttccctaat gtggaaaaag taaggaggact actcagcact 120
glttgaagat tgcctcttct acagcttctg ayaatttgtt tatttccact ggcagtgaa 180
ggacccctcc ccaaacatgc cccagccac cctcagcat ggtcccttgt caccaggcaa 240
ccaggaaact gctacttgtg gacctccca gagaccagg gggtttgtt agctccagg 300
acttccccc cccagaaga ttaguacccc atactagact cactcaccat tcaactaggg 360
tctactccaa ttgattggtt ttgacaatt ccatttcttt ttggttatta taacagaaa 420
atcttctctc ttctcattac cagtaaggc tcttggtatc ttctgttgtt aatgatttct 480
atgaacttgt ctatttttaa ttgtgggtt tttttctggt

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```

<210> 389
<211> 365
<212> DNA
<213> Homo sapiens

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```

<400> 389
cgttgcocca gtttgacaga aggaaggcgy gacgttattc aaagtotaga gggagtgagg 60
gagttaaagg tggatttcag atctgctgg ttccagcgcg agtggtccct ctgctccccc 120
aacgaatttc caaatgtatc caacagcgcg cctcagctca ggcgtccatg aagcgtcttg 180
aagcctatgg ccagctgtgt ttgtgttccc tctcaccgcg ctgtctccac agctgagact 240
ccacaggaac ctccagacta ccttctctct ccttcagcaa gggggttgct cccattctc 300
tgggggtcag tggagaagac tagactccca ttgctagagg tagaaggagg aagggtgctg 360
gggag

```

```

<210> 390
<211> 221
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(221)
<223> n = A,T,C or G

```

```

<400> 390
tgcccttcca tcttggcccc gacttctctg tcaggaaagt ggggatggac cccctctgca 60
taccaggnnt ctctggggtg tggaaactct ctgcttgagg ttccaggaaag gctctggct 120
gctctangag tctgancaga ntcgttgccc cantntgaca naaggaaagg cggagcttat 180
tcaagttcta gagggaagtg agsagttaag gctggatttc a 221

```

```

<210> 391
<211> 325
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

```

```

<400> 391
tggagcaggt cccgaggcct ccttagagcc tggggccgac tctgtgnaga tgcangcttt 60
ctctcgcgcc cagcctggag ctgctctctg cctctaccaa caatcagncg agcgagagag 120
tagccagggg actgctgcaa acagccagtc cmataccat catgttaacc ggtgngctct 180
naantngat ntccanagcc ctacccatca tagttctgct ctccacagg ntaccagccc 240
cactgcccag gaatctaca gccagtacc tgtccagag tctctaccta ccagtacgat 300

```

```

gagacactcag gctactacta tgacc 325

<210> 392
<211> 277
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 392
atatgtttaa actacttact ttatatcttt taacattttc atggngaaag gtccacatct 60
agtctcaatt nggcnagnn ctctacttg agtctcttc cgggcttgn cagtagmaa 120
antaccanga aongncatgn ottaanaaen ncttggtttn tgggttnttc aatgacttca 180
tgacgtgcac caccctgtcc actacgtgat gtgtaggat taaagtctca cagtggcgg 240
ctgaggatac aggcgcgcgt actgtgttc tggsgaa 277

<210> 393
<211> 566
<212> DNA
<213> Homo sapiens

<400> 393
actagtcacg tctgttgaaa ttgcggycgc cgtgcacgga caggtcagct gtctggctca 60
gtgactacaa ttctgaagtt gtcgaaaaat gtcttcacga ttaaatccag cctaaacggt 120
ttgcggggaa cactgcagag acaatgctgt gagtctcaaa ccttagccca ttgcggggca 180
gagagagctc agtttgttca tcagcattat catgatctca ggaactgtta ctgtgttaag 240
gaggggtata gsgaatctgt ccccttttaga yacaccttac ttataatgaa gtcttgggga 300
gggtggtttt caaaagttag aatgtccctgt attccgtaga tcatctctga aacatcttat 360
catttttaa tcatccctgc ctgtgtctat tattatattc atctctctac gtcggaacct 420
ttctgcctca atgtttactg tgcctttgtt ttgtctagtt tgtgttgttg aaaaaaaa 480
catctctctc ctgagtttta atttttgtcc aaagtattt taactctaac aattaaaaa 540
ttttgctat caaaaaaaa aaaaaa 566

<210> 394
<211> 384
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 394
gaacatacat gtcccgccac ctgagctgca gtctgacatc atcgccatca cgggcctcgc 60
tgcgaatttg gacggggcca aggtcggaat gctggagcgt gtgaaggagc tacaggcna 120
gcaggaggag cgggctttaa ggaattttas gctgagtgtc actgtagacc ccaaatacca 180
tcccaagatt atcgggagaa agggggcagtt aattacccaa atccggttgg agaatgagt 240
gaacatccag ttctctgata aggacgatgg gaaccagccc caggacccaa ttaccatcac 300
agggtcgaa aagaacacag agctgccag ggaatgata ctgagaattg tgggtgaact 360
tgagcagatg gtttctgagg aagt 384

<210> 395
<211> 399
<212> DNA

```

<213> Homo sapiens

<400> 395

```

ggcacaactg tgtgacctca ataagacctc gcagatccaa ggtccagtat cagaagtgc 60
ctcgaacttg gactccaaga cctacatcaa cagcctggct atattgatg atgagccagt 120
tatcagaggt ttcatcattg cggcaattgt ggagtctaa gaaatcatgg cctctgaggt 180
attcagctct ttccagtacc ctgagttctc tatagagtg cctaaccacg gcagaattgg 240
ccagctactt gtcctgaatt gtatcttcaa gaataccctg gccatccctt tgactgaagt 300
caagttctct ttgggaagcc tgggcatctc ctccctacag acctctgacc atggggaggt 360
gcagcctggt gggacccalc aatcccaaat aaatgcac

```

<210> 396

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(403)

<223> n = A, T, C or G

<400> 396

```

tggagtttnc agtgcacaca agccataaag cttoagtgc aaattactgt ctccacagaa 60
gacattttca actctgcctc cagctgctga taacacaaat catgtgttta gottgactcc 120
agacacaggac aactcgtttc ttctatactc tctagagaaa aaaggaggtt gttagttagt 180
actacacaaa gtggatgaat aatctggata tttttctcaa aaagattcct tgaaccacat 240
taggacaantg gggggcctta tgatcagat gctgaatta gtccattgtg ctgaagcagg 300
gtttggggga gggagtggg gataaaagaa ggaaaaaag aagagtgcga aaacctattt 360
ctcaagcag gtctctatcc tcaatgttag gccctgctct ttt

```

<210> 397

<211> 100

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(100)

<223> n = A, T, C or G

<400> 397

```

actagtcacg tgtgttggaa ttggggggcg cgtcgacctc naanccatct ctatagcaaa 60
tccatcccg ctcctggttg gtnacagaat gactgcacaa

```

<210> 398

<211> 278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(278)

<223> n = A, T, C or G

<400> 398

```

ggggccgggt cgacagcagt tccgcacagc ctgcgccgtt ggtggggagt tgcctcacgc 60
ccactctgac atctggaagt cagcggcctg gatgaaagag cggacttcac ctggggcggt 120
taactactgt gortcgacca gtgaggagag ctggacccag agcgagtggt aotcatcatg 180

```

```
ctccggggcag cccatccacc tgtggcggtt cctcaaggag ttgctactca agccccacag 240
ctatggcgcg ttcatttngt ggtcaccac ggagaaag 278
```

```
<210> 399
<211> 298
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G
```

```
<400> 399
acggagggtgg aggaagcgnc cctgggagtg anaggatggg tctgmcatt gacnccctcn 60
ggggtgccong catggagcgc atggggcgcg gctggggcca ggcctatgat cgcgtgggct 120
ccgcatatgc gcgcattggc ctggtcatgg accgcattgg ctccgtggag cgcattgggt 180
ccggcattga gcgcattggc ccgctgggac tcgaccacat ggcctccanc attgancgca 240
tgggcccagac catggagcgc attggtcttg gctggagcn catgggtgoc ggcattggg 298
```

```
<210> 400
<211> 548
<212> DNA
<213> Homo sapiens
```

```
<400> 400
acatcaacta ctctctcatt ttaaggtatg gcagttccct tcattccctt ttctgcttt 60
gtacatgtac atgtatgaaa ttctctcttc ttaaccgaat ctctccacac atcacaaagt 120
caagaaacca ccgctataga aggttaagag ggcacctat gaaatgaat ggtgatttct 180
tgggtctctt ttctccctgt ttaagggccc atggcaggac tttaggttgc gatttaagac 240
tcagaggggc tagagaatta ttccatcagc gctttgaggg ccccatgttc acttatcccg 300
tatacctct caccatcccc ttgtctactc tgatgcccc aagatgcaac tgggcagcta 360
gttggcccca taattctggg cctttgttgt ttgttttaac tacttgggta tcccaggaaag 420
cttccagcty atctctcacc atggggcccc ctcttgggat caagcccccc ccaggccctg 480
tcccagccc ctctgcccc agcccacccc ctctgcttgg tgcacagccc tcccttggg 540
agcaggtt 548
```

```
<210> 401
<211> 355
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G
```

```
<400> 401
actgtttcca tghtatgttt ctacacatty ctacctcagt gctcctggaa acttagcttt 60
tgatgtctcc aagtagtcca ccttcattta actctttgaa acgtatcat ctttgccaag 120
taagagtggt ggcctatttc agctcctttg acaaatgac tggctcctga cttaactgtc 180
tataaatgaa tgtgctgaag caaagtgcrc atggtggcgg cgaagagan aaagatgtgt 240
ttgtttttgg actctctgtg gtcccttcca atgctggggg ttccaacca ggggaaggtt 300
ccttttgca ttgccaagt cctaccctt gagcactact ctaccatggn tctgc 355
```

```
<210> 402
<211> 407
<212> DNA
```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 402

```

atggggcaag ctggetaag aacaaagac cactggagta tgcgtctctc aagaaaccca 40
tctcacatgc ggtggcatag ataggctcaa aataaaggaa tggagaaaaa tctttcaage 80
aatgggaana cggaaaaaag cagggtgtgc actctctact tctgacaaaa cagactatgc 120
gaataaagat aaaaagagga aggcatttac aaaggtgggtc ctgacctttg ataactctca 160
ctgcttgata ccaaccctgg ctgtttttaa tgcacaaacc aaagggataa tttgtgagg 200
ttgtggagct tctccctgc agagagttcc tgaatctcca aaatttgggt gaaatgtaa 240
gntgattttg ctgacaactc cttttctgaa gttttactca ttccaa 407

```

<210> 403

<211> 303

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(303)

<223> n = A,T,C or G

<400> 403

```

cagtatattat agcnaaactg aaaaagctagt agcaggcaag tctcaaatcc aggcacccaa 40
tcttaagcaa gggccatggc atggtgaana tgcnaaaggga gactctggcc aatctacaaa 120
tagagaacaa gacctactca gtcatgaaca aaagggcaga caccacactg gatctcattg 160
gggattggat attgtaatta tagagcagga agatgacagt gatcgtcatt tggcacaaca 240
tcttaacacac gaccgaacac nttattttac ataaacctcc attcggtaac catgttgaaa 300
gga 303

```

<210> 404

<211> 225

<212> DNA

<213> Homo sapiens

<400> 404

```

aagtgttaact ttttaaaatt tagtggattt tgaanaattct tagaggaag taaaggaaaa 40
atgtttaaact caactcattta cttttscatg gtgaaggttc tctcttgatc ctcaaaaacg 120
aatcttcca ctgtgttttc catagtgtgt aaagtatcca gatgtgttgg gcattgtgat 160
ctccaaagtgc ctgtgttaata aataaagtat ctttatttca ttcat 225

```

<210> 405

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 405

```

gagctgttat actgtgagtt ctactaggaa atcatcaaat ctgaggggtg tctggaggac 40
ttaaataacc ctcccccac aytgaatcag ctccagggg gtcagatccc tctcttact 120

```



```

tcctcccat cccatgccaa aggaagacc toctctctg gctcacagcc ttctctagcc 180
ttccctgtgc cctccaggaca gagtgggtta tgttttcagc tccatctctg ctgtgagtg 240
ctggtgctgt tctgctctca gcttctgtct agtgcctcat ggacagtgct cagcccatgt 300
cactctccac tctctcannn tggatcccat coct

```

334

```

<210> 406
<211> 216
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

```

```

<400> 406
tttcatacct aatgaggagg tiganatnac atnnaaccag gaaatgcctg gatctcaang 60
gaacacaaca cccaataaac toggagtgge agactgacaa ctgtgagaca tgcacttgct 120
acnaaacaca antttmetgt tgcacccctg ttctacacac tgtgggttat gacaaagaca 180
actgctcaazg aatnttcag agggaggact gccant

```

216

```

<210> 407
<211> 413
<212> DNA
<213> Homo sapiens

```

```

<400> 407
tttgacttgc tagtatcctc tgcattcatt gaagcaccag aacttcctgc ctgactcat 60
gtacatgcac taggattaaa aaataaatit gatatacat ggaaacagac aaaaaattat 120
gtacaacgtt gacccacagt tcsagattcta cactctggca ctacaggaagc aagagttaat 180
ccacaggctc tatgtctcaa tctgttatgg caaatggatg tcatgcaact accttcattt 240
ggaaaaatgt cttttgtcca tctgacagtt gatacttatt cacatttcac atgggcaacc 300
tgccacagag gagaagaagt toccatgtta aaagacattt attatcttct ttctctgta 360
tgggagttcc agaaaaagtt aaaaacagca atgggacagg ttctgtagta aag

```

413

```

<210> 408
<211> 183
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

```

```

<400> 408
ggagctngcc ctcaattcct coantctctat gttaacatat ttaatgtctt ttgnattaa 60
tnttaacta gttaactctt aaagggctaa ataactcta actagtcctt coattgtgag 120
cattatctti ccagtatbba cctctctntt taattactec ttcctggcta cccatgtact 180
ntt

```

183

```

<210> 409
<211> 250
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1)...(250)

<223> n = A,T,C or G

<400> 409

```

ccccacgaatg ataatgctott tattttotgta agtccctgcta ggaatcctc aaatctgaag 60
gtggtttggg ggaactgaac aaacotcctg taattaatca gotttcagtt tctcccacta 120
gtccctcctt caacacacata gggagatcct ccccttcttt ctgtctcagg ccttatctag 180
gtctcccaatg gcccacagga cagcgtgggc tatgtttaca ggcctctctt gctggggggg 240
ggcctatgag
250

```

<210> 410

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 410

```

ggcgggtttg caagaatgaa atgaatgatt ctacagctag gacttaacct tgaatggaa 60
agctcttgca tccactttgc aggatccgtc tgtgcacatg cctctgtaga ggcgcgcatt 120
cccaggggacc ttggaacacg ttggcactgt aaggtgcttg ctccccaaga cacactctaa 180
aaggtgttgt aatggtgaaa accgcttctt tctttatgtc cctttcttat ttaatgtgaa 240
nactgggttg ctttttttga atctttttta aactggaag ttcaattgng aaatgaata 300
tctgtg
306

```

<210> 411

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(261)

<223> n = A,T,C or G

<400> 411

```

agagcatatn cttaggtnaa agttctatga gttcccatga actatatgac tggccacaca 60
ggactctttg tatttaagga ttctgagatt ttgcttgagc aggattagat aggcctgttc 120
tttaaatgtc tgaatgggaa cagatttcaa aaaaaaaccc cacaatctag ggtgggaaca 180
aggaaggaaa gatgtgaata ggctgatggg aaaaaaacca atttaccat cagttccagc 240
cttctctcaa gngaggcaa a
261

```

<210> 412

<211> 241

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(241)

<223> n = A,T,C or G

<400> 412

```

gttcaatgtt acctgacatt tctacaacac cccactcacc gatgtattcg ttgccagtg 60
ggacataacc agcctgatt ttgaaaaaat aatgtgttt cttyccacag aatatctag 120

```

142

```

ctggaacttg atggtccac aaacataacc cagtgtaaaa acagaagatg tggsggggag 180
ctggagagett toactgggta cattgaattc ccaactacc cangcaatta cccagccaac 240
s                                     241

```

```

<216> 413
<211> 231
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)... (231)
<223> n = A, T, C or G

```

```

<400> 413
aactcttaca atccaaagtga ctcatctgtg tgettgaaac ctttccactg tctctctcc 60
ctcacccaaq ttctcagbac cttctctttg ttgtgaagga taatcaaaat gaacacaaa 120
aagtttaacc tctctatttg gaacctaaac actctcttct tcttgggtct ggggctcca 180
agatctcttg aatcantctt cagatcattg gggaccacan atcaggaaac t      231

```

```

<210> 414
<211> 234
<212> DNA
<213> Homo sapiens

```

```

<400> 414
actgtccatg aagcaactgag cagaagctgg aggcacaaag caccagacac tccagcgaag 60
gatggagctg aaacacataac cactctctgc ctggaggcac tgggaagcct agagagggct 120
gtgagccaaq gagggggggt ctctcttttg catgggatgg ggaatgaagta agagagggga 180
ctggaccccc tggaaactga ttccctatgg ggggaggtgt attgaagtc tcca      234

```

```

<210> 415
<211> 217
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)... (217)
<223> n = A, T, C or G

```

```

<400> 415
gcataaggatt aagactgagt atcttttcta cactttttta aatttctaag gggcaettct 60
caaaacacaa accaggttagc aaatctccac tgcctctagg ntctcaacc cactttctca 120
cacctagcaa tagtagaatt cagtctact ctggaggcca gaagaatggt tcagaagaat 180
antggattat aaaaataaac atttaagaaa aatatac      217

```

```

<210> 416
<211> 213
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)... (213)
<223> n = A, T, C or G

```

```

<400> 416

```

143

```

atgcataatnt aasggaact ggcgcgttt tagaagacat ctggnetgct ctctgcata 60
ggcacagcag taagctctt tgattccag aatcaagaac tctcccttc agactattac 120
cgaatgcagag gtggttaatt gaaggccact aattgatgct caatagaag gatattgact 180
atattggaac agatggagtc tctactaca aag

```

```

<210> 417
<211> 303
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

```

```

<400> 417
nagttttcag gccatccagg gaagttcaca ctggagagaa gtcatacata tgtactgtat 60
gtgggaagaag atttactctg agttcaaatc ttcaagccca tcagagagtc cacactggag 120
agaagccata caaatgcaat gagtgtggga agagcttcag gagggttcc cattatcaag 180
ttcatctagt ggtccacaca ggagagaaac cctataaatg tgagatatgt gggaaggagct 240
tcantcaagag ttogatcttt caatccatc ngaaggacca cagtatanan aaccccttta 300
agt

```

```

<210> 418
<211> 328
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

```

```

<400> 418
tttttgaggg tgggtgggga gggaggggac angagtctca ctctgttgcc caggctggag 60
tgacagggca tgatctcggc tcactacaac cctgcctcc catgtccaaag cgtattctgt 120
gcttcagctc tccctgtagc tagaattaca ggcacatgcc accacacca gctagttttt 180
gtatttttag tagagacagg gtttcccatc gttggccagg ctggtctcaa actccnacc 240
tcagnggtca gctggtctc aaactctcga cctcaagtga tctgcccaac tcagcctccc 300
aaagtgtcan gattacagge cgtgagcc

```

```

<210> 419
<211> 389
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

```

```

<400> 419
cctccctcaag acggcctgtg gtccgcctcc cggcaaccaa gaagcctgca gtccatattg 60
acccttgagc cctggacttg agcctgaag cagcgttaca cctgctctc gatcttctgt 120
ctgtttctct ctctgtggct caattcatag cacagttggt gcactgagga ttgtcgagga 180
cgagcaaggc caagctggct caaagagcaa ccagtcaact ctgccacggt gtgccaggca 240
ccggtctctc agccaccaac ctcactcgtc cccgcaaatg gcacatcagt tcttctaccc 300
taaaggtagg accaaagggc atctgctttt ctgaagtctc ctgctctatc agccatccag 360

```

tggcagccac tcnngctgtg tgaagcgg 389

<210> 420

<211> 408

<212> DNA

<213> Homo sapiens

<400> 420

gltctccta actoctgcca gaacacagctc tectcaaat gagagctgca cccctctccc 60
 tggccagggc agcaagcctt agccttggtc tcttggttct gcttttttct tggctagacc 120
 gaagtgtact agccaaggag ttgaagtttg tgacttligt gtttcggcat ggagaccgaa 180
 gtccatttga cacttttccc actgacccca taaaggaatc ctcatggcca caaggatttg 240
 gccaaactcac ccagctgggc atggagcagc attatgaact tggagagtat atcagaagaa 300
 gatatgaaa attcttgaat gagtctata aacatgaaca ggttatatt cgaagcaccg 360
 acgttgaccg gactttgatg aagtgcctatg acaaacctgg caagcccg 408

<210> 421

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(352)

<223> n = A,T,C or G

<400> 421

gctcaaaaat cttttkactg atnggcctgg ctacacaaac attgactatt acggaggcca 60
 gaggagatg aggcctggcc tgggagccct gtgcctacta naagcacatt agattatcca 120
 ttaactgaca gaacaggctc tttttgggic cttcttctcc acaacnatac acttgccagtc 180
 ctcttcttgg aagattcttt ggcagttgtc ttgtctatca cccacaggtg tagaacaagc 240
 ggtgcacaat gaattttctg ttctgtagca agtgcatgtc tcacaagttg gcangctctg 300
 cactccagat ttattgggtg ttgttttctc ttgagatcca tgcatttctc gg 352

<210> 422

<211> 337

<212> DNA

<213> Homo sapiens

<400> 422

atgccacacat gctggcaatg cagcggggcg tcgaaggcct gcattatccag cccaagctgg 60
 cgaatgatga cgggaacccg tgcgcgaagt tgcgcgtgcc agccgaagcg gtggttcaagg 120
 gcgaatgcaa ggtgcggcgg atcgcggcgg cgtcaatcct ggcacaggtc agccgtgato 180
 gtgaatagga agctgtcgaa ttgatctaac cgggttatgg catcgggggg cattaagggct 240
 atccgaacac ggtgcacact gaagccttgc agcggctggc gccgaagcgg attccacga 300
 gcttcttcgg ccggtacggc tggcctatga aaattat 337

<210> 423

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(310)

<223> n = A,T,C or G

<400> 423

```

gctcaaaaaa ctttttactg atatggcatg gctacacaat cattgactat tagggggcag 60
aggagaatga ggcttggcct gggagccctg tgctactan aagcncatta gattatccat 120
tcaactgacag aacaggtctt ttttgggtcc ttctctotca ccacgatata ctggcagtc 180
tcctctctga agattcttgg gcagttgtct ttgtcataac ccacaggtgt anaaacaaagg 240
gtgcaacctg aaatttctgt ttgttagcaa gtgcattgtc ccacgttgtc aagctctgccc 300
tccgagttta

```

<210> 424

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(370)

<223> n = A,T,C or G

<400> 424

```

gctcaaaaaa ctttttactg ataggcatgg ctacacaaac attgactatt agaggccaga 60
ggagaatgag ggcctggcct ggaagccctgt gctactaga agcaacttag attatccatt 120
cactgcaaga acaggtcttt tttgggtctt tctctccac ccagctatac ttgcagtcct 180
ccttcttgaa gattcttctg cagttgtctt ttgtcataac ccacaggtgt gaaacatcct 240
ggttgaaatc cctggaaact cctcattagg tatgaaatag catgctgcat tgcataaagt 300
cacgaaggtg gcaaggtca caagctgctc cagganaaca ttcatgttga taagcaggac 360
tccyctgagc

```

<210> 425

<211> 216

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(216)

<223> n = A,T,C or G

<400> 425

```

aattgctatn ntttatttgg caactcaaaa taattaccaa aaaaaaanaa tnttaaatga 60
taacaacnca acntcaaggn aaananaaca ggaatggntg actntgcata aatngccaga 120
aatatcaaca ttatnttaag ggttgacttc aggnacagc acacagcaaa acatgcccag 180
gagntntca gaccgctcg atgntntntg aggagg

```

<210> 426

<211> 596

<212> DNA

<213> Homo sapiens

<400> 426

```

cttcagtgga ggtatccctt gttgcccggg gccgaggttc tccattaggc tctgattgat 60
tggcagtcag tgatggaggg gtgttctgat cttccgact gccccaaggg tcgctggcca 120
gctctctgtt ttgctgagtt ggcagtagga cctaatttgg taattaagag tagatggtga 180
gctgtccctg tatttggatt aacctaatgg ccttccagc acgactegga ttcagctgga 240
gacatccagg caacttttaa tgaattgatt tgaaggccca ttaagaggca ctctccgtta 300
ttaggcagtt catctgcact gataactctt tggcagctga gctggtcgga gctgtggccc 360
aaagcgcacac ttgcttttgg gttttggagt acaactctta atcttttagt catgtttgag 420
ggtggtatgg cgtttcagct ttaaccocaa ttgcactgccc ttggaagtgt agccaggaga 480
atacactcat atactgttgg gcttagaggg cacagcagat gtcattgttc tactgctga 540
gtcccgtctg tccatccca ggaacttcca tccgcpagta cctgggagcc agtctgt 596

```

<210> 427
<211> 107
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

<400> 427
gaagaattca agtttaggttt attcaagggt cttacnaga atccanacc cagynccocag 60
ccggggagca gcttanaga gctcgtgtt gactgcagg ctcagng 107

<210> 428
<211> 38
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(38)
<223> n = A,T,C or G

<400> 428
gaattccna ansagactt tattcctat ttacatt 38

<210> 429
<211> 544
<212> DNA
<213> Homo sapiens

<400> 429
ctttgctgga cggcaataaaa gtggacgcaa gcatgaactc ctgatgagg cgtgcattt 60
attgaagagc ggcctgcagcc ctggcggttca gattaaaac cgaqaattgt atagaagccg 120
atatccacga aactctgaag gactttctga ttatccaca atcaaatcat cggttttcag 180
tttgatggtt ggcctaatcac ctgtagaacc tgacttggcc gtggctggaa tccactcgtt 240
gcttccact tcaattacac ctaactcac atcctctctt gttggttctg tctgtcttca 300
agatactaa cccacatttg agatgcagca gccatctccc ccaattcttc ctgtccatcc 360
tgatgtgcag ttaaaaaatc tgccctttta tgatgtcctt gatgttctca tcaagcccac 420
gagtttagtt caaagcagta ttcaagcatt tcaagagaag ttttttatt ttgctttgac 480
acctcaaca gttagagaga tatgcatac cagggatttt ttgcagggtt gtggagaga 540
ttat 544

<210> 430
<211> 507
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 430
cttatcncaa tggggctccc aaacttggct gtccagtga aectccgggg gatttttga 60
gaacctgac accctctctt caaccgaca ctctgatfca attgggtctc agtgagaca 120

```

gagcatcaat ttaaaaagct gccagaatg tnttcctggg cagcgttggg atctttgccn 160
ccttcgtgac tttatgcaat gcataatgct atttcataac taatgagggg gttccaggag 240
attcaaccag gattgtttcta cnoctgtggg ttatgacaaa gacacactgc aaagaatntt 300
caagagggag gactgcacgt atatcgtggg ggagaagaa gacccaaaaa agacotgttc 360
tgtcagtgaa tggataatct aatgtgcttc taglaggcac agggctccca ggcacgggct 420
cattctcttc tggcctctaa tagtcaatga ttgtgtagcc atgectatca gtaaaaagat 480
ttllagacaa aaaaaaaaaa aaaaaa 507

```

```

<210> 431
<211> 392
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

```

```

<400> 431
gaaattccag aatggataaa aacaaatgaa gtacaaaata ttcagnttt acatagcgat 60
aaacaagaaa gcccttatca ggaggactta caaatggaaq tacactctan aacctatc 120
tatcatggct aatagtggag ttagccacag tgtattattt gtacattgca aacacatga 180
aaagatgggg aaacaaatc cccggagttt tgtgtgtgga gtctctgggt ttccaaacga 240
catcatccca gcatctctgag attagggnga ttgggatca tctgtgagtt ggaatgttca 300
acaaagtgta tgttgttagg taaaatgtac aacttctgga tctatgcaga cattgaaggt 360
gcaatgagtc tggcttttac tctgtgtttt ct 392

```

```

<210> 432
<211> 387
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

```

```

<400> 432
ggatcctcta cataatcaaa tatagctgta gtacatgttt tcatctggngt agattaccac 60
aaatgcaagg caacatgtgt agatctcttg tctattcttt ttgtctataa tactgtattg 120
ngatgtccaa gctctcggna gtccagccac tgnaaacat gctcccttta gattaaactc 180
gtggacnctn ttgttgnaat gtctgaactg tagagccctg tatcttgntt ctgtctcnga 240
attctgttgc ttctggggca ttctcttgng atgcagagga caccacaca gatgacagca 300
atctgaattg ntccaatcac agctgcgatt aagacatact gaattcgtac aggacgggga 360
accagctata gaacactgga gtcttt 387

```

```

<210> 433
<211> 261
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

```

```

<400> 433
tccaaactagc anagaanaat gcttcagggn gtgtaaaatg aaaggcttcc acgcsattat 60

```


148

```

ctgattaaag aacactaaga gagggaacaag gctagaagac gcagggtgtc tacactatag 120
caggcnctat ttgggttggc tggaggagct gtggaaacaa tggagagett ggcgtggag 180
atgcgcgtgg ctattctctc ttgntattac accagagagg ntctctgtnt gccacgtgg 240
tanaaaacgg ntatcacata atgatatgaat aggcacacaa t
281

```

```

<210> 434
<211> 484
<212> DNA
<213> Homo sapiens

```

```

<400> 434
ttttaaata agcatttagt gctcagtcac tactgagtag tcttctctc cctctctctg 60
aatttaatto ttccaccttg caatttgcaa gattacaca ttctcctgtg atgtatatgt 120
tggtgcacaa aaaaaaaagt gtctttgttt aaattacttt ggtttgtgaa tccactcttg 180
ttttcccca ttggaactag tcatcaacc atctctgaac tggtagaaaa acatctgag 240
agctagtctc tggcactctg acaggtggaat tggatggctc tgaagacat ttaccccaga 300
cagctgtgtt ctatctgttt taataaatla gtltgggttc tctacatgca taacaacccc 360
tgctccaaac tgctacataa agtctctgta ctggaagttt agtcagcacc cccacqaaac 420
ttatttttct tatgtgtttt ttgcacata tgagtgtttt gaaaataaag taccocatgtc 480
ttta
484

```

```

<210> 435
<211> 424
<212> DNA
<213> Homo sapiens

```

```

<400> 435
gcgcgcctca gaggcaggta cttctgtcct tccacgtcct ccttcaagga agccccatgt 60
gggtagcttt caatatcgaa ggttcttaet cctctgcctc tataagctca aacccaccaa 120
cgatcgggga agtaaacccc cccctcgccc gacttcggaa ctggcgagag ttacggcgag 180
atgggcctgt ggggaggggg caagatagat gagggggagc ggcactggtc ggggtgaccc 240
cttggcgaga ggaanaaggg cacaagaggg gctgcaccgc ccaactaacg agatggccck 300
ggtagagacc ttgtgggggtc tggaaactct ggaactccca tgccttaact cccacactct 360
gctatcagaa acttaaacctt gaggattttc tctgttttct actcgacata aattcagagc 420
aaac
424

```

```

<210> 436
<211> 667
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> {1}... (667)
<223> n = A, T, C or G

```

```

<400> 436
acottgggaa nactctcaca atataaaggg togtagactt tactocaaat tccaaaaagg 60
tcttgcccat gtaactctga aagttttccc aaggttagcta taacatcctt ataaaggtgtg 120
agcctctctt ggaattctct tgatttcaaa gtctcactct caagttcttg aaaaacagggg 180
cagttctctga aaggcaggta tagcaactga tcttcaaaaa gaggaaactgt gtgcaccggg 240
atgggtctgc agagtaggat aggattccag atgctgacac ctctctggggg aaacagggct 300
gccaggtttg tcatagcact catcaagctc cggctaacgt ctgtgtttgc aatataaacc 360
tgttcatggt tataggactc attcaagaat ttctctatct tcttcttat atactctoca 420
agttcataat gctgctccat gccacagctg gtgagttggc caaatccttg tggccatgag 480
gattccttta tggggctcag tgggaagggtc tcaatgggac ttgggtctcc atgcgcgaac 540
accaagctca caaacttcaa ctcttggctc agtaacactc ggttagcaca gaaaaaaggc 600
agaaaacaga agccaaggct aaggcttgct gccctgcaag gaggaggggt gcagctctca 660

```